

# FEDERAL OPERATING PERMIT

A FEDERAL OPERATING PERMIT IS HEREBY ISSUED TO  
E. R. Carpenter, L.P.

AUTHORIZING THE OPERATION OF  
Roger W Powell Plant  
Industrial Organic Chemicals

LOCATED AT  
Harris County, Texas  
Latitude 29° 37' 6" Longitude 95° 2' 44"  
Regulated Entity Number: RN100210830

This permit is issued in accordance with and subject to the Texas Clean Air Act (TCAA), Chapter 382 of the Texas Health and Safety Code and Title 30 Texas Administrative Code Chapter 122 (30 TAC Chapter 122), Federal Operating Permits. Under 30 TAC Chapter 122, this permit constitutes the permit holder's authority to operate the site and emission units listed in this permit. Operations of the site and emission units listed in this permit are subject to all additional rules or amended rules and orders of the Commission pursuant to the TCAA.

This permit does not relieve the permit holder from the responsibility of obtaining New Source Review authorization for new, modified, or existing facilities in accordance with 30 TAC Chapter 116, Control of Air Pollution by Permits for New Construction or Modification.

The site and emission units authorized by this permit shall be operated in accordance with 30 TAC Chapter 122, the general terms and conditions, special terms and conditions, and attachments contained herein.

This permit shall expire five years from the date of issuance. The renewal requirements specified in 30 TAC § 122.241 must be satisfied in order to renew the authorization to operate the site and emission units.

Permit No: 01443 Issuance Date: \_\_\_\_\_

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For the Commission

## Table of Contents

Section	Page
General Terms and Conditions .....	1
Special Terms and Conditions: .....	1
Emission Limitations and Standards, Monitoring and Testing, and Recordkeeping and Reporting.....	1
Additional Monitoring Requirements .....	7
New Source Review Authorization Requirements.....	8
Compliance Requirements .....	9
Risk Management Plan .....	10
Protection of Stratospheric Ozone .....	11
Permit Location.....	11
Permit Shield (30 TAC § 122.148) .....	11
Attachments.....	12
Applicable Requirements Summary.....	13
Additional Monitoring Requirements .....	95
Permit Shield .....	102
New Source Review Authorization References .....	107
Appendix A .....	126
Acronym List .....	127

## **General Terms and Conditions**

The permit holder shall comply with all terms and conditions contained in 30 TAC § 122.143 (General Terms and Conditions), 30 TAC § 122.144 (Recordkeeping Terms and Conditions), 30 TAC § 122.145 (Reporting Terms and Conditions), and 30 TAC § 122.146 (Compliance Certification Terms and Conditions).

In accordance with 30 TAC § 122.144(1), records of required monitoring data and support information required by this permit, or any applicable requirement codified in this permit, are required to be maintained for a period of five years from the date of the monitoring report, sample, or application unless a longer data retention period is specified in an applicable requirement. The five year record retention period supersedes any less stringent retention requirement that may be specified in a condition of a permit identified in the New Source Review Authorization attachment.

If the permit holder chooses to demonstrate that this permit is no longer required, a written request to void this permit shall be submitted to the Texas Commission on Environmental Quality (TCEQ) by the Responsible Official in accordance with 30 TAC § 122.161(e). The permit holder shall comply with the permit's requirements, including compliance certification and deviation reporting, until notified by the TCEQ that this permit is voided.

The permit holder shall comply with 30 TAC Chapter 116 by obtaining a New Source Review authorization prior to new construction or modification of emission units located in the area covered by this permit.

All reports required by this permit must include in the submittal a cover letter which identifies the following information: company name, TCEQ regulated entity number, air account number (if assigned), site name, area name (if applicable), and Air Permits Division permit number(s).

## **Special Terms and Conditions:**

### **Emission Limitations and Standards, Monitoring and Testing, and Recordkeeping and Reporting**

1. Permit holder shall comply with the following requirements:
  - A. Emission units (including groups and processes) in the Applicable Requirements Summary attachment shall meet the limitations, standards, equipment specifications, monitoring, recordkeeping, reporting, testing, and other requirements listed in the Applicable Requirements Summary attachment to assure compliance with the permit.
  - B. The textual description in the column titled "Textual Description" in the Applicable Requirements Summary attachment is not enforceable and is not deemed as a substitute for the actual regulatory language. The Textual Description is provided for information purposes only.
  - C. A citation listed on the Applicable Requirements Summary attachment, which has a notation [G] listed before it, shall include the referenced section and subsection for all commission rules, or paragraphs for all federal and state regulations and all subordinate paragraphs, subparagraphs and clauses, subclauses, and items contained within the referenced citation as applicable requirements.

- D. When a grouped citation, notated with a [G] in the Applicable Requirements Summary, contains multiple compliance options, the permit holder must keep records of when each compliance option was used.
  - E. Emission units subject to 40 CFR Part 63, Subparts PPP & ZZZZ as identified in the attached Applicable Requirements Summary table are subject to 30 TAC Chapter 113, Subchapter C, § § 113.730 & 113.1090 respectively which incorporate the 40 CFR Part 63 Subpart by reference.
2. The permit holder shall comply with the following sections of 30 TAC Chapter 101 (General Air Quality Rules):
- A. Title 30 TAC § 101.1 (relating to Definitions), insofar as the terms defined in this section are used to define the terms used in other applicable requirements
  - B. Title 30 TAC § 101.3 (relating to Circumvention)
  - C. Title 30 TAC § 101.8 (relating to Sampling), if such action has been requested by the TCEQ
  - D. Title 30 TAC § 101.9 (relating to Sampling Ports), if such action has been requested by the TCEQ
  - E. Title 30 TAC § 101.10 (relating to Emissions Inventory Requirements)
  - F. Title 30 TAC § 101.201 (relating to Emission Event Reporting and Recordkeeping Requirements)
  - G. Title 30 TAC § 101.211 (relating to Scheduled Maintenance, Start-up, and Shutdown Reporting and Recordkeeping Requirements)
  - H. Title 30 TAC § 101.221 (relating to Operational Requirements)
  - I. Title 30 TAC § 101.222 (relating to Demonstrations)
  - J. Title 30 TAC § 101.223 (relating to Actions to Reduce Excessive Emissions)
3. Permit holder shall comply with the following requirements of 30 TAC Chapter 111:
- A. Visible emissions from stationary vents with a flow rate of less than 100,000 actual cubic feet per minute and constructed after January 31, 1972 that are not listed in the Applicable Requirements Summary attachment for 30 TAC Chapter 111, Subchapter A, Division 1 , shall not exceed 20% opacity averaged over a six-minute period. The permit holder shall comply with the following requirements for stationary vents at the site subject to this standard:
    - (i) Title 30 TAC § 111.111(a)(1)(B) (relating to Requirements for Specified Sources)
    - (ii) Title 30 TAC § 111.111(a)(1)(E)
    - (iii) Title 30 TAC § 111.111(a)(1)(F)(i), (ii), (iii), or (iv)

- (iv) For emission units with vent emissions subject to 30 TAC § 111.111(a)(1)(B), complying with 30 TAC § 111.111(a)(1)(F)(ii), (iii), or (iv), and capable of producing visible emissions from, but not limited to, particulate matter, acid gases and NO<sub>x</sub>, the permit holder shall also comply with the following periodic monitoring requirements for the purpose of annual compliance certification under 30 TAC § 122.146. These periodic monitoring requirements do not apply to vents that are not capable of producing visible emissions such as vents that emit only colorless VOCs; vents from non-fuming liquids; vents that provide passive ventilation, such as plumbing vents; or vent emissions from any other source that does not obstruct the transmission of light. Vents, as specified in the “Applicable Requirements Summary” attachment, that are subject to the emission limitation of 30 TAC § 111.111(a)(1)(B) are not subject to the following periodic monitoring requirements:
- (1) An observation of stationary vents from emission units in operation shall be conducted at least once during each calendar quarter unless the emission unit is not operating for the entire quarter.
  - (2) For stationary vents from a combustion source, if an alternative to the normally fired fuel is fired for a period greater than or equal to 24 consecutive hours, the permit holder shall conduct an observation of the stationary vent for each such period to determine if visible emissions are present. If such period is greater than 3 months, observations shall be conducted once during each quarter. Supplementing the normally fired fuel with natural gas or fuel gas to increase the net heating value to the minimum required value does not constitute creation of an alternative fuel.
  - (3) Records of all observations shall be maintained.
  - (4) Visible emissions observations of emission units operated during daylight hours shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Visible emissions observations of emission units operated only at night must be made with additional lighting and the temporary installation of contrasting backgrounds. Visible emissions observations shall be made during times when the activities described in 30 TAC § 111.111(a)(1)(E) are not taking place. Visible emissions shall be determined with each stationary vent in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 mile, away from each stationary vent during the observation. For outdoor locations, the observer shall select a position where the sun is not directly in the observer’s eyes. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor. A certified opacity reader is not required for visible emissions observations.

(5) Compliance Certification:

- (a) If visible emissions are not present during the observation, the RO may certify that the source is in compliance with the applicable opacity requirement in 30 TAC § 111.111(a)(1) and (a)(1)(B).
- (b) However, if visible emissions are present during the observation, the permit holder shall either list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2) or conduct the appropriate opacity test specified in 30 TAC § 111.111(a)(1)(F) as soon as practicable, but no later than 24 hours after observing visible emissions to determine if the source is in compliance with the opacity requirements. If an opacity test is performed and the source is determined to be in compliance, the RO may certify that the source is in compliance with the applicable opacity requirement. However, if an opacity test is performed and the source is determined to be out of compliance, the permit holder shall list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2). The opacity test must be performed by a certified opacity reader.
- (c) Some vents may be subject to multiple visible emission or monitoring requirements. All credible data must be considered when certifying compliance with this requirement even if the observation or monitoring was performed to demonstrate compliance with a different requirement.

B. For visible emissions from a building, enclosed facility, or other structure; the permit holder shall comply with the following requirements:

- (i) Title 30 TAC § 111.111(a)(7)(A) (relating to Requirements for Specified Sources)
- (ii) Title 30 TAC § 111.111(a)(7)(B)(i) or (ii)
- (iii) For a building containing an air emission source, enclosed facility, or other structure containing or associated with an air emission source subject to 30 TAC § 111.111(a)(7)(A), complying with 30 TAC § 111.111(a)(7)(B)(i) or (ii), and capable of producing visible emissions from, but not limited to, particulate matter, acid gases and NO<sub>x</sub>, the permit holder shall also comply with the following periodic monitoring requirements for the purpose of annual compliance certification under 30 TAC § 122.146:
  - (1) An observation of visible emissions from a building containing an air emission source, enclosed facility, or other structure containing or associated with an air emission source which is required to comply with 30 TAC § 111.111(a)(7)(A) shall be conducted at least once during each calendar quarter unless the

air emission source or enclosed facility is not operating for the entire quarter.

- (2) Records of all observations shall be maintained.
- (3) Visible emissions observations of air emission sources or enclosed facilities operated during daylight hours shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Visible emissions observations of air emission sources or enclosed facilities operated only at night must be made with additional lighting and the temporary installation of contrasting backgrounds. Visible emissions shall be determined with each emissions outlet in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 mile, away from each emissions outlet during the observation. For outdoor locations, the observer shall select a position where the sun is not directly in the observer's eyes. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor. A certified opacity reader is not required for visible emissions observations.
- (4) Compliance Certification:
  - (a) If visible emissions are not present during the observation, the RO may certify that the source is in compliance with the applicable opacity requirement in 30 TAC § 111.111(a)(7) and (a)(7)(A)
  - (b) However, if visible emissions are present during the observation, the permit holder shall either list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2) or conduct the appropriate opacity test specified in 30 TAC § 111.111(a)(7)(B) as soon as practicable, but no later than 24 hours after observing visible emissions to determine if the source is in compliance with the opacity requirements. If an opacity test is performed and the source is determined to be in compliance, the RO may certify that the source is in compliance with the applicable opacity requirement. However, if an opacity test is performed and the source is determined to be out of compliance, the permit holder shall list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2). The opacity test must be performed by a certified opacity reader.

- C. Certification of opacity readers determining opacities under Method 9 (as outlined in 40 CFR Part 60, Appendix A) to comply with opacity monitoring requirements shall be accomplished by completing the Visible Emissions

Evaluators Course, or approved agency equivalent, no more than 180 days before the opacity reading.

- D. For emission units with contributions from uncombined water, the permit holder shall comply with the requirements of 30 TAC § 111.111(b).
- E. Emission limits on nonagricultural processes, except for the steam generators specified in 30 TAC § 111.153, shall comply with the following requirements:
  - (i) Emissions of PM from any source may not exceed the allowable rates as required in 30 TAC § 111.151(a) (relating to Allowable Emissions Limits)
  - (ii) Sources with an effective stack height ( $h_e$ ) less than the standard effective stack height ( $H_e$ ), must reduce the allowable emission level by multiplying it by  $[h_e/H_e]^2$  as required in 30 TAC § 111.151(b)
  - (iii) Effective stack height shall be calculated by the equation specified in 30 TAC § 111.151(c)
- F. Outdoor burning, as stated in 30 TAC § 111.201, shall not be authorized unless the following requirements are satisfied:
  - (i) Title 30 TAC § 111.205 (relating to Exception for Fire Training)
  - (ii) Title 30 TAC § 111.221 (relating to Responsibility for Consequences of Outdoor Burning)
- 4. For storage vessels maintaining working pressure as specified in 30 TAC Chapter 115, Subchapter B, Division 1: Storage of Volatile Organic Compounds, the permit holder shall comply with the requirements of 30 TAC § 115.112(e)(1).
- 5. The permit holder shall comply with the following requirements of 30 TAC Chapter 117:
  - A. For boilers, process heaters, and stationary reciprocating engines subject to Subchapter D, Division 1 at minor sources of  $\text{NO}_x$ :
    - (i) Title 30 TAC § 117.2010(b), and (c) - (f) (relating to Emission Specifications), for sources not subject to mass emissions cap and trade under 30 TAC Chapter 101, Subchapter H
    - (ii) Title 30 TAC § 117.2030 (relating to Operating Requirements)
    - (iii) Title 30 TAC § 117.2035 (relating to Monitoring and Testing Requirements)
    - (iv) Title 30 TAC § 117.2045 (relating to Recordkeeping and Reporting Requirements)
    - (v) Title 30 TAC § 117.9200 (relating to Compliance Schedule)
  - B. For boilers, process heaters, and stationary reciprocating engines exempt from Subchapter D, Division 1 at minor sources of  $\text{NO}_x$  under 30 TAC § 117.2003(a), the permit holder shall comply with 30 TAC §§ 117.2030(c), 117.2035(g), 117.2045(b) and 117.2045(c).



6. The permit holder shall comply with the following requirements for units subject to any subpart of 40 CFR Part 60, unless otherwise stated in the applicable subpart:
  - A. Title 40 CFR § 60.7 (relating to Notification and Recordkeeping)
  - B. Title 40 CFR § 60.8 (relating to Performance Tests)
  - C. Title 40 CFR § 60.11 (relating to Compliance with Standards and Maintenance Requirements)
  - D. Title 40 CFR § 60.12 (relating to Circumvention)
  - E. Title 40 CFR § 60.13 (relating to Monitoring Requirements)
  - F. Title 40 CFR § 60.14 (relating to Modification)
  - G. Title 40 CFR § 60.15 (relating to Reconstruction)
  - H. Title 40 CFR § 60.19 (relating to General Notification and Reporting Requirements)
7. The permit holder shall comply with the requirements of 30 TAC Chapter 113, Subchapter C, § 113.100 for units subject to any subpart of 40 CFR Part 63, unless otherwise stated in the applicable subpart.
8. The permit holder shall comply with certified registrations submitted to the TCEQ for purposes of establishing federally enforceable emission limits. A copy of the certified registration shall be maintained with the permit. Records sufficient to demonstrate compliance with the established limits shall be maintained. The certified registration and records demonstrating compliance shall be provided, on request, to representatives of the appropriate TCEQ regional office and any local air pollution control agency having jurisdiction over the site. The permit holder shall submit updated certified registrations when changes at the site require establishment of new emission limits. If changes result in emissions that do not remain below major source thresholds, the permit holder shall submit a revision application to codify the appropriate requirements in the permit.

#### **Additional Monitoring Requirements**

9. Unless otherwise specified, the permit holder shall comply with the compliance assurance monitoring requirements as specified in the attached “CAM Summary” upon issuance of the permit. In addition, the permit holder shall comply with the following:
  - A. The permit holder shall comply with the terms and conditions contained in 30 TAC § 122.147 (General Terms and Conditions for Compliance Assurance Monitoring).
  - B. The permit holder shall report, consistent with the averaging time identified in the “CAM Summary,” deviations as defined by the deviation limit in the “CAM Summary.” Any monitoring data below a minimum limit or above a maximum limit, that is collected in accordance with the requirements specified in 40 CFR § 64.7(c), shall be reported as a deviation. Deviations shall be reported according to 30 TAC § 122.145 (Reporting Terms and Conditions).

- C. The permit holder may elect to collect monitoring data on a more frequent basis and average the data, consistent with the averaging time specified in the “CAM Summary,” for purposes of determining whether a deviation has occurred. However, the additional data points must be collected on a regular basis. In no event shall data be collected and used in particular instances in order to avoid reporting deviations. All monitoring data shall be collected in accordance with the requirements specified in 40 CFR § 64.7(c).
  - D. The permit holder shall operate the monitoring, identified in the attached “CAM Summary,” in accordance with the provisions of 40 CFR § 64.7.
  - E. The permit holder shall comply with either of the following requirements for any capture system associated with the VOC control device subject to CAM. If the results of the following inspections indicate that the capture system is not working properly, the permit holder shall promptly take necessary corrective actions:
    - (i) Once a year the permit holder shall inspect the capture system in compliance of CAM for leaks in accordance with 40 CFR Part 60, Appendix A, Test Method 21. Leaks shall be indicated by an instrument reading greater than or equal to 500 ppm above background or as defined by the underlying applicable requirement; or
    - (ii) Once a month, the permit holder shall conduct a visual, audible, and/or olfactory inspection of the capture system in compliance of CAM to detect leaking components.
  - F. The permit holder shall comply with the requirements of 40 CFR § 70.6(a)(3)(ii)(A) and 30 TAC § 122.144(1)(A)-(F) for documentation of all required inspections.
10. The permit holder shall comply with the periodic monitoring requirements as specified in the attached “Periodic Monitoring Summary” upon issuance of the permit. Except for, as applicable, monitoring malfunctions, associated repairs, and required quality assurance or control activities (including, as applicable, calibration checks and required zero and span adjustments), the permit holder shall conduct all monitoring in continuous operation (or shall collect data at all required intervals) at all times that the pollutant-specific emissions unit is operating. The permit holder may elect to collect monitoring data on a more frequent basis and average the data, consistent with the averaging time specified in the “Periodic Monitoring Summary,” for purposes of determining whether a deviation has occurred. However, the additional data points must be collected on a regular basis. In no event shall data be collected and used in particular instances to avoid reporting deviations. Deviations shall be reported according to 30 TAC § 122.145 (Reporting Terms and Conditions).

#### **New Source Review Authorization Requirements**

- 11. Permit holder shall comply with the requirements of New Source Review authorizations issued or claimed by the permit holder for the permitted area, including permits, permits by rule, standard permits, flexible permits, special permits, permits for existing facilities including Voluntary Emissions Reduction Permits and Electric Generating Facility Permits issued under 30 TAC Chapter 116, Subchapter I, or special exemptions referenced in the New Source Review Authorization References attachment. These requirements:

- A. Are incorporated by reference into this permit as applicable requirements
  - B. Shall be located with this operating permit
  - C. Are not eligible for a permit shield
12. The permit holder shall comply with the general requirements of 30 TAC Chapter 106, Subchapter A or the general requirements, if any, in effect at the time of the claim of any PBR.
13. The permit holder shall maintain records to demonstrate compliance with any emission limitation or standard that is specified in a permit by rule (PBR) or Standard Permit listed in the New Source Review Authorizations attachment. The records shall yield reliable data from the relevant time period that are representative of the emission unit's compliance with the PBR or Standard Permit. These records may include, but are not limited to, production capacity and throughput, hours of operation, safety data sheets (SDS), chemical composition of raw materials, speciation of air contaminant data, engineering calculations, maintenance records, fugitive data, performance tests, capture/control device efficiencies, direct pollutant monitoring (CEMS, COMS, or PEMS), or control device parametric monitoring. These records shall be made readily accessible and available as required by 30 TAC § 122.144. Any monitoring or recordkeeping data indicating noncompliance with the PBR or Standard Permit shall be considered and reported as a deviation according to 30 TAC § 122.145 (Reporting Terms and Conditions).

#### **Compliance Requirements**

14. The permit holder shall certify compliance in accordance with 30 TAC § 122.146. The permit holder shall comply with 30 TAC § 122.146 using at a minimum, but not limited to, the continuous or intermittent compliance method data from monitoring, recordkeeping, reporting, or testing required by the permit and any other credible evidence or information. The certification period may not exceed 12 months and the certification must be submitted within 30 days after the end of the period being certified.
15. Use of Emission Credits to comply with applicable requirements:
- A. Unless otherwise prohibited, the permit holder may use emission credits to comply with the following applicable requirements listed elsewhere in this permit:
    - (i) Title 30 TAC Chapter 115
    - (ii) Title 30 TAC Chapter 117
    - (iii) Offsets for Title 30 TAC Chapter 116
  - B. The permit holder shall comply with the following requirements in order to use the emission credits to comply with the applicable requirements:
    - (i) The permit holder must notify the TCEQ according to 30 TAC § 101.306(c)-(d)

- (ii) The emission credits to be used must meet all the geographic, timeliness, applicable pollutant type, and availability requirements listed in 30 TAC Chapter 101, Subchapter H, Division 1
- (iii) The executive director has approved the use of the credit according to 30 TAC § 101.306(c)-(d)
- (iv) The permit holder keeps records of the use of credits towards compliance with the applicable requirements in accordance with 30 TAC § 101.302(g) and 30 TAC Chapter 122

16. Use of Discrete Emission Credits to comply with the applicable requirements:

- A. Unless otherwise prohibited, the permit holder may use discrete emission credits to comply with the following applicable requirements listed elsewhere in this permit:
  - (i) Title 30 TAC Chapter 115
  - (ii) Title 30 TAC Chapter 117
  - (iii) If applicable, offsets for Title 30 TAC Chapter 116
  - (iv) Temporarily exceed state NSR permit allowables
- B. The permit holder shall comply with the following requirements in order to use the credit to comply with the applicable requirements:
  - (i) The permit holder must notify the TCEQ according to 30 TAC § 101.376(d)
  - (ii) The discrete emission credits to be used must meet all the geographic, timeliness, applicable pollutant type, and availability requirements listed in 30 TAC Chapter 101, Subchapter H, Division 4
  - (iii) The executive director has approved the use of the discrete emission credits according to 30 TAC § 101.376(d)(1)(A)
  - (iv) The permit holder keeps records of the use of credits towards compliance with the applicable requirements in accordance with 30 TAC § 101.372(h) and 30 TAC Chapter 122

**Risk Management Plan**

- 17. For processes subject to 40 CFR Part 68 and specified in 40 CFR § 68.10, the permit holder shall comply with the requirements of the Accidental Release Prevention Provisions in 40 CFR Part 68. The permit holder shall submit to the appropriate agency either a compliance schedule for meeting the requirements of 40 CFR Part 68 by the date provided in 40 CFR § 68.10(a), or as part of the compliance certification submitted under this permit, a certification statement that the source is in compliance with all requirements of 40 CFR Part 68, including the registration and submission of a risk management plan.

## **Protection of Stratospheric Ozone**

18. Permit holders at a site subject to Title VI of the FCAA Amendments shall meet the following requirements for protection of stratospheric ozone:
  - A. Any on site servicing, maintenance, and repair on refrigeration and nonmotor vehicle air-conditioning appliances using ozone-depleting refrigerants or non-exempt substitutes shall be conducted in accordance with 40 CFR Part 82, Subpart F. Permit holders shall ensure that repairs on or refrigerant removal from refrigeration and nonmotor vehicle air-conditioning appliances using ozone-depleting refrigerants are performed only by properly certified technicians using certified equipment. Records shall be maintained as required by 40 CFR Part 82, Subpart F.

## **Permit Location**

19. The permit holder shall maintain a copy of this permit and records related to requirements listed in this permit on site.

## **Permit Shield (30 TAC § 122.148)**

20. A permit shield is granted for the emission units, groups, or processes specified in the attached "Permit Shield." Compliance with the conditions of the permit shall be deemed compliance with the specified potentially applicable requirements or specified potentially applicable state-only requirements listed in the attachment "Permit Shield." Permit shield provisions shall not be modified by the executive director until notification is provided to the permit holder. No later than 90 days after notification of a change in a determination made by the executive director, the permit holder shall apply for the appropriate permit revision to reflect the new determination. Provisional terms are not eligible for this permit shield. Any term or condition, under a permit shield, shall not be protected by the permit shield if it is replaced by a provisional term or condition or the basis of the term and condition changes.

## **Attachments**

**Applicable Requirements Summary**

**Additional Monitoring Requirements**

**Permit Shield**

**New Source Review Authorization References**

**Applicable Requirements Summary**

**Unit Summary ..... 14**

**Applicable Requirements Summary ..... 27**

Note: A “none” entry may be noted for some emission sources in this permit’s “Applicable Requirements Summary” under the heading of “Monitoring and Testing Requirements” and/or “Recordkeeping Requirements” and/or “Reporting Requirements.” Such a notation indicates that there are no requirements for the indicated emission source as identified under the respective column heading(s) for the stated portion of the regulation when the emission source is operating under the conditions of the specified SOP Index Number. However, other relevant requirements pursuant to 30 TAC Chapter 122 including Recordkeeping Terms and Conditions (30 TAC § 122.144), Reporting Terms and Conditions (30 TAC § 122.145), and Compliance Certification Terms and Conditions (30 TAC § 122.146) continue to apply.

### Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
D101MV	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-2	30 TAC Chapter 111, Visible Emissions	No changing attributes.
D101VSV	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-1	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
D101VSV	MISCELLANEOUS UNITS	N/A	63PPP-1	40 CFR Part 63, Subpart PPP	No changing attributes
D1101MV	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5127-1	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
D1101VSV	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-1	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
D1101VSV	MISCELLANEOUS UNITS	N/A	63PPP-2	40 CFR Part 63, Subpart PPP	No changing attributes
D1201MV	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5127-1	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
D201MV	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-2	30 TAC Chapter 111, Visible Emissions	No changing attributes.
D201MV	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5127-1	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
D2101VSV	MISCELLANEOUS UNITS	N/A	63PPP-3	40 CFR Part 63, Subpart PPP	No changing attributes.



### Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
D3101VSV	MISCELLANEOUS UNITS	N/A	63PPP-4	40 CFR Part 63, Subpart PPP	No changing attributes.
D4101VSV	MISCELLANEOUS UNITS	N/A	63PPP-5	40 CFR Part 63, Subpart PPP	No changing attributes.
D5101VSV	MISCELLANEOUS UNITS	N/A	63PPP-6	40 CFR Part 63, Subpart PPP	No changing attributes.
D5201MV	MISCELLANEOUS UNITS	N/A	63PPP-12	40 CFR Part 63, Subpart PPP	No changing attributes.
DEGREASER1	SOLVENT DEGREASING MACHINES	N/A	115E1	30 TAC Chapter 115, Degreasing Processes	No changing attributes.
F102APVA	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-2	30 TAC Chapter 111, Visible Emissions	No changing attributes.
F102APVB	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-2	30 TAC Chapter 111, Visible Emissions	No changing attributes.
F102BPVA	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-2	30 TAC Chapter 111, Visible Emissions	No changing attributes.
F102BPVB	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-2	30 TAC Chapter 111, Visible Emissions	No changing attributes.
F1203PV	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5127-1	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
F1205PV	EMISSION POINTS/STATIONARY	N/A	R5127-1	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.

### Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
	VENTS/PROCESS VENTS				
F1207VSV	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5127-1	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
F1209PV	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5127-1	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
F203APV	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5127-1	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
F204APV	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-2	30 TAC Chapter 111, Visible Emissions	No changing attributes.
F204BPV	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-2	30 TAC Chapter 111, Visible Emissions	No changing attributes.
F205PV	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5127-1	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
F207VSV	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5127-1	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
F207VSV	MISCELLANEOUS UNITS	N/A	63PPP-7	40 CFR Part 63, Subpart PPP	No changing attributes
F209PV	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5127-1	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.

### Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
F2207VSV	MISCELLANEOUS UNITS	N/A	63PPP-8	40 CFR Part 63, Subpart PPP	No changing attributes.
F303PV	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-2	30 TAC Chapter 111, Visible Emissions	No changing attributes.
F304PV	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-2	30 TAC Chapter 111, Visible Emissions	No changing attributes.
F305APV	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-2	30 TAC Chapter 111, Visible Emissions	No changing attributes.
F305BPV	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-2	30 TAC Chapter 111, Visible Emissions	No changing attributes.
F306APV	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-2	30 TAC Chapter 111, Visible Emissions	No changing attributes.
F306BPV	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-2	30 TAC Chapter 111, Visible Emissions	No changing attributes.
F306CPV	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-2	30 TAC Chapter 111, Visible Emissions	No changing attributes.
F306DPV	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-2	30 TAC Chapter 111, Visible Emissions	No changing attributes.
F3204A	STORAGE TANKS/VESSELS	N/A	R5117-10	30 TAC Chapter 115, Storage of VOCs	No changing attributes.

### Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
F3204B	STORAGE TANKS/VESSELS	N/A	R5117-10	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
F3207VSV	MISCELLANEOUS UNITS	N/A	63PPP-9	40 CFR Part 63, Subpart PPP	No changing attributes.
F4207VSV	MISCELLANEOUS UNITS	N/A	63PPP-10	40 CFR Part 63, Subpart PPP	No changing attributes.
F5207VSV	MISCELLANEOUS UNITS	N/A	63PPP-11	40 CFR Part 63, Subpart PPP	No changing attributes.
G408A	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-3	30 TAC Chapter 111, Visible Emissions	No changing attributes.
G408A	SRIC ENGINES	N/A	63III-1	40 CFR Part 60, Subpart III	No changing attributes.
G408A	SRIC ENGINES	N/A	63ZZZZ-1	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
G408B	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-3	30 TAC Chapter 111, Visible Emissions	No changing attributes.
G408B	SRIC ENGINES	N/A	63III-1	40 CFR Part 60, Subpart III	No changing attributes.
G408B	SRIC ENGINES	N/A	63ZZZZ-1	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
G4408A	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-3	30 TAC Chapter 111, Visible Emissions	No changing attributes.
G4408A	SRIC ENGINES	N/A	63ZZZZ-1	40 CFR Part 63, Subpart ZZZZ	No changing attributes.

### Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
G4408B	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-3	30 TAC Chapter 111, Visible Emissions	No changing attributes.
G4408B	SRIC ENGINES	N/A	63ZZZZ-1	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
G5418	SRIC ENGINES	N/A	63ZZZZ-1	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
GRPFUG1	FUGITIVE EMISSION UNITS	P1OSFE, P3OSFE	R5352-1	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	No changing attributes.
GRPFUG2	FUGITIVE EMISSION UNITS	P1PUFE, P3PUFE	R5352-2	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	No changing attributes.
GRPFUG3	FUGITIVE EMISSION UNITS	P4OSFE, P5OSFE	R5352-5	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	No changing attributes.
GRPFUG4	FUGITIVE EMISSION UNITS	P4PUFE, P5PUFE, P6PUFE	R5352-6	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	No changing attributes.
GRPLOADA	LOADING/UNLOADING OPERATIONS	CBLE, P1LE, P2LE, P3LE, P4LE, P5LE, P6LE	R5217-1	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.
GRPTNKA	STORAGE TANKS/VESSELS	F1306AA, F1306BB, F1306CC, F1306DD, F1306EE, F1306FF, F1306GG, F1306HH, F1306JJ, F1306KK, F1306S, F1306T, F1306V, F1306W, F1306X, F1306Y, F1306Z,	R5117-1	30 TAC Chapter 115, Storage of VOCs	No changing attributes.

### Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
		F2309, F2310, F2311, F2312, F2313, F308, F309, F3102A, F3102B, F3102C, F3303A, F3303B, F3303C, F4102A, F4102B, F4102C, F4303A, F4303B, F4303C			
GRPTNKB	STORAGE TANKS/VESSELS	F2306G, F2306H, F306J, F306K, F3306A, F3306B, F3306C, F3306D, F3306E, F3306F, F3306G, F3306H, F3306J, F3306K, F3306L, F3306M, F4306A, F4306B, F4306C, F4306D, F4306E, F4306F, F5102A, F5102B, F5303A, F5303B, F5306A, F5306B, F5306C, F5306D, F5306E, F5306F	R5117-1	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
GRPTNKC	STORAGE TANKS/VESSELS	F1102A, F1102B, F1204A, F1204B, F1303A, F1303B, F1303C, F1303D, F1303E, F1303F, F1305A, F1305B, F1306U, F1307,	R5117-1	30 TAC Chapter 115, Storage of VOCs	No changing attributes.

### Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
		F1308A, F1308B, F1308C, F1308D, F1308F, F1308G, F1308H, F1308J, F1308K, F1308L, F1308M, F1308N, F1308P, F1308Q, F1308R, F1308S, F1308T, F1308U, F1308V, F1308W, F1308X, F203B, F204A, F204B, F206, F2204A, F2204B, F310A, F310B, F310C, F310D, F5203B, F5214, F5215			
GRPTNKD	STORAGE TANKS/VESSELS	F102A, F102B, F1306A, F1306B, F1306C, F1306D, F1306E, F1306F, F1306G, F1306H, F1306J, F1306K, F1306L, F1306M, F1306N, F1306P, F1306Q, F1306R, F2102A, F2102B, F2206, F2303, F2305A, F2305B, F303, F305A, F305B, F306A, F306B, F306C, F306D, F3305A,	R5117-1	30 TAC Chapter 115, Storage of VOCs	No changing attributes.

### Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
		F3305B, F3305C, F3305D, F4204A, F4204B, F4206, F4305A, F4305B, F4305C			
GRPTNKE	STORAGE TANKS/VESSELS	F2306A, F2306B, F2306C, F2306D, F2306E, F2306F, F306E, F306F, F306G, F306H, F5204A, F5204B, F5206, F5305A, F5305B, F5305C	R5117-1	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
LOAD	LOADING/UNLOADING OPERATIONS	N/A	115C1	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.
LOADRAIL	LOADING/UNLOADING OPERATIONS	N/A	115C1	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.
P1FL1	FLARES	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
P1FL1	FLARES	N/A	63A-1	40 CFR Part 63, Subpart A	No changing attributes.
P1OSFE	MISCELLANEOUS UNITS	N/A	63PPP-13	40 CFR Part 63, Subpart PPP	No changing attributes.
P1PUFE	MISCELLANEOUS UNITS	N/A	63PPP-17	40 CFR Part 63, Subpart PPP	No changing attributes.
P2PUFE	FUGITIVE EMISSION UNITS	N/A	R5352-3	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	No changing attributes.



### Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
P2PUFE	MISCELLANEOUS UNITS	N/A	63PPP-18	40 CFR Part 63, Subpart PPP	No changing attributes.
P3FL1	FLARES	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
P3FL1	FLARES	N/A	63A-1	40 CFR Part 63, Subpart A	No changing attributes.
P3OSFE	MISCELLANEOUS UNITS	N/A	63PPP-14	40 CFR Part 63, Subpart PPP	No changing attributes.
P3PUFE	MISCELLANEOUS UNITS	N/A	63PPP-19	40 CFR Part 63, Subpart PPP	No changing attributes.
P4FL1	FLARES	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
P4FL1	FLARES	N/A	63A-1	40 CFR Part 63, Subpart A	No changing attributes.
P4OSFE	MISCELLANEOUS UNITS	N/A	63PPP-15	40 CFR Part 63, Subpart PPP	No changing attributes.
P4PUFE	MISCELLANEOUS UNITS	N/A	63PPP-20	40 CFR Part 63, Subpart PPP	No changing attributes.
P5FL1	FLARES	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.
P5FL1	FLARES	N/A	63A-1	40 CFR Part 63, Subpart A	No changing attributes.
P5OSFE	MISCELLANEOUS UNITS	N/A	63PPP-16	40 CFR Part 63, Subpart PPP	No changing attributes.
P5PUFE	MISCELLANEOUS UNITS	N/A	63PPP-21	40 CFR Part 63, Subpart PPP	No changing attributes.
P6FL1	FLARES	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.

### Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
P6FL1	FLARES	N/A	63A-1	40 CFR Part 63, Subpart A	No changing attributes.
P6PUFE	MISCELLANEOUS UNITS	N/A	63PPP-22	40 CFR Part 63, Subpart PPP	No changing attributes.
PE-1	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5122-1	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
PE-DISTK	STORAGE TANKS/VESSELS	N/A	R5112-4	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
PE-EGTKS	STORAGE TANKS/VESSELS	N/A	R5112-3	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
PE-PRDTKSA	STORAGE TANKS/VESSELS	N/A	R5112-2	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
PE-PRDTKSB	STORAGE TANKS/VESSELS	N/A	R5112-3	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
PROP1	CHEMICAL MANUFACTURING PROCESS	D101VSV, D201MV, F203APV, F205PV, F207VSV, F209PV	R5167-1	30 TAC Chapter 115, Batch Processes	No changing attributes.
PROP2	CHEMICAL MANUFACTURING PROCESS	D1101VSV, D1201MV, F1203PV, F1205PV, F1207VSV, F1209PV	R5167-1	30 TAC Chapter 115, Batch Processes	No changing attributes.
PROP3	CHEMICAL MANUFACTURING PROCESS	D2101VSV, D2201MV, F2203PV, F2205PV,	R5161-1	30 TAC Chapter 115, Batch Processes	No changing attributes.

### Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
		F2207VSV, F2209MV			
PROP4	CHEMICAL MANUFACTURING PROCESS	D3101VSV, D3201MV, F3203PV, F3205PV, F3207VSV, F3209MV	R5161-2	30 TAC Chapter 115, Batch Processes	No changing attributes.
PROP5	CHEMICAL MANUFACTURING PROCESS	D4101VSV, D4201MV, F4203PV, F4205PV, F4207VSV, F4209MV	R5161-3	30 TAC Chapter 115, Batch Processes	No changing attributes.
PROP6	CHEMICAL MANUFACTURING PROCESS	D5101VSV, D5201MV, F5203APV, F5205PV, F5207VSV, F5209MV	R5161-4	30 TAC Chapter 115, Batch Processes	No changing attributes.
TK1BMV	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5127-1	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
TK2BMV	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5127-1	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
TK3BMV	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5127-1	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.

### Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
TK4AMV	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5127-1	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
TK50	STORAGE TANKS/VESSELS	N/A	R5112-1	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TK51	STORAGE TANKS/VESSELS	N/A	R5112-1	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TK52	STORAGE TANKS/VESSELS	N/A	R5112-1	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TK53	STORAGE TANKS/VESSELS	N/A	R5112-1	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TK5A	STORAGE TANKS/VESSELS	N/A	R5117-1	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
TK6AMV	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5127-1	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
TK7BMV	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5127-1	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
TK8BCV	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5127-1	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
TK9BCV	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5127-1	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition I.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
D101MV	EP	R1111-2	PM (OPACITY)	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(A)	Visible emissions from any stationary vent shall not exceed an opacity of 30% averaged over a six-minute period. The emissions from this vent originate from colorless VOCs, non-fuming liquids, or other sources that are not capable of obstructing the transmission of light. These vents are not capable of exceeding the opacity standards of 30 TAC Chapter 111 and therefore no monitoring is required to demonstrate compliance.	None	None	None
D101VSV	EP	R5121-1	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(a)(1) § 115.121(a)(1) § 115.122(a)(1)(B) § 60.18	Vent gas streams affected by §115.121(a)(1) must be controlled properly with a control efficiency of at least 90% or to a volatile organic compound (VOC) concentration of no more than 20 parts per million (ppmv) (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(B) § 115.126(2)	§ 115.126 § 115.126(1) § 115.126(1)(B) § 115.126(2)	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition I.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
D101VSV	EU	63PPP-1	112(B) HAPS	40 CFR Part 63, Subpart PPP	§ 63.1425(b)(2)(i) § 63.1425(c)(2)	For existing affected sources, the permit holder shall reduce epoxide emissions from each process vents using a flare.	§ 63.1429(a)(2) [G]§ 63.1437(c)	[G]§ 63.1430(b)(1) § 63.1430(d)(1) § 63.1439(a) [G]§ 63.1439(b)(1)	§ 63.1430(h)(5) § 63.1439(e)(6) § 63.1439(e)(6)(i) § 63.1439(e)(6)(ii) § 63.1439(e)(6)(iv)
D1101MV	EP	R5127-1	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC) < 100 lbs (45.4 kg) in any continuous 24-hour period is exempt from the requirements of § 115.121(a)(1).	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
D1101MV	EP	R5127-1	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(B) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream specified in § 115.121(a)(1) of this title with a concentration of VOC < 612 ppmv is exempt from § 115.121(a)(1).	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
D1101VSV	EP	R5121-1	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(a)(1) § 115.121(a)(1) § 115.122(a)(1)(B) § 60.18	Vent gas streams affected by § 115.121(a)(1) must be controlled properly with a control efficiency of at least 90% or to a volatile organic compound (VOC) concentration of no more than 20 parts per million (ppmv) (on a dry basis corrected to 3.0%	[G]§ 115.125 § 115.126(1) § 115.126(1)(B) § 115.126(2)	§ 115.126 § 115.126(1) § 115.126(1)(B) § 115.126(2)	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						oxygen for combustion devices).			
D1101VSV	EU	63PPP-2	112(B) HAPS	40 CFR Part 63, Subpart PPP	§ 63.1425(b)(2)(i) § 63.1425(c)(2)	For existing affected sources, the permit holder shall reduce epoxide emissions from each process vents using a flare.	§ 63.1429(a)(2) [G]§ 63.1437(c)	[G]§ 63.1430(b)(1) § 63.1430(d)(1)(i) § 63.1439(a) § 63.1439(b)(1)	§ 63.1430(h)(5) § 63.1439(e)(6) § 63.1439(e)(6)(i) § 63.1439(e)(6)(ii) § 63.1439(e)(6)(iv)
D1201MV	EP	R5127-1	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC) < 100 lbs (45.4 kg) in any continuous 24-hour period is exempt from the requirements of § 115.121(a)(1).	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
D201MV	EP	R1111-2	PM (OPACITY)	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(A)	Visible emissions from any stationary vent shall not exceed an opacity of 30% averaged over a six-minute period. The emissions from this vent originate from colorless VOCs, non-fuming liquids, or other sources that are not capable of obstructing the transmission of light. These vents are not capable of exceeding the opacity standards of 30 TAC Chapter	None	None	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition I.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						111 and therefore no monitoring is required to demonstrate compliance.			
D201MV	EP	R5127-1	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC) < 100 lbs (45.4 kg) in any continuous 24-hour period is exempt from the requirements of § 115.121(a)(1).	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
D2101VSV	EU	63PPP-3	112(B) HAPS	40 CFR Part 63, Subpart PPP	§ 63.1425(b)(2)(i) § 63.1425(c)(2)	For existing affected sources, the permit holder shall reduce epoxide emissions from each process vents using a flare.	§ 63.1429(a)(2) [G]§ 63.1437(c)	[G]§ 63.1430(b)(1) § 63.1430(d)(1)(i) § 63.1439(a) [G]§ 63.1439(b)(1)	§ 63.1430(h)(5) § 63.1439(e)(6) § 63.1439(e)(6)(i) § 63.1439(e)(6)(ii) § 63.1439(e)(6)(iv)
D3101VSV	EU	63PPP-4	112(B) HAPS	40 CFR Part 63, Subpart PPP	§ 63.1425(b)(2)(i) § 63.1425(c)(2)	For existing affected sources, the permit holder shall reduce epoxide emissions from each process vents using a flare.	§ 63.1429(a)(2) [G]§ 63.1437(c)	[G]§ 63.1430(b)(1) § 63.1430(d)(1)(i) § 63.1439(a) [G]§ 63.1439(b)(1)	§ 63.1430(h)(5) § 63.1439(e)(6) § 63.1439(e)(6)(i) § 63.1439(e)(6)(ii) § 63.1439(e)(6)(iv)
D4101VSV	EU	63PPP-5	112(B) HAPS	40 CFR Part 63, Subpart PPP	§ 63.1425(b)(2)(i) § 63.1425(c)(2)	For existing affected sources, the permit holder shall reduce epoxide emissions from each process vents using a flare.	§ 63.1429(a)(2) [G]§ 63.1437(c)	[G]§ 63.1430(b)(1) § 63.1430(d)(1)(i) § 63.1439(a) [G]§ 63.1439(b)(1)	§ 63.1430(h)(5) § 63.1439(e)(6) § 63.1439(e)(6)(i) § 63.1439(e)(6)(ii) § 63.1439(e)(6)(iv)
D5101VSV	EU	63PPP-6	112(B) HAPS	40 CFR Part 63, Subpart PPP	§ 63.1425(b)(2)(i) § 63.1425(c)(2)	For existing affected sources, the permit	§ 63.1429(a)(2) [G]§ 63.1437(c)	[G]§ 63.1430(b)(1) § 63.1430(d)(1)(i)	§ 63.1430(h)(5) § 63.1439(e)(6)



### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition I.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						holder shall reduce epoxide emissions from each process vents using a flare.		§ 63.1439(a) [G]§ 63.1439(b)(1)	§ 63.1439(e)(6)(i) § 63.1439(e)(6)(ii) § 63.1439(e)(6)(iv)
D5201MV	EU	63PPP-12	112(B) HAPS	40 CFR Part 63, Subpart PPP	§ 63.1425(b)(2)(i) § 63.1425(c)(2)	For existing affected sources, the permit holder shall reduce epoxide emissions from each process vents using a flare.	§ 63.1429(a)(2) [G]§ 63.1437(c)	[G]§ 63.1430(b)(1) § 63.1430(d)(1)(i) § 63.1439(a) [G]§ 63.1439(b)(1)	§ 63.1430(h)(5) § 63.1439(e)(6) § 63.1439(e)(6)(i) § 63.1439(e)(6)(ii) § 63.1439(e)(6)(iv)
DEGREASE R1	EU	115E1	VOC	30 TAC Chapter 115, Degreasing Processes	§ 115.412(1) § 115.411(1) § 115.411(2) [G]§ 115.412(1)(A) § 115.412(1)(C) § 115.412(1)(D) [G]§ 115.412(1)(F)	Cold solvent cleaning. No person shall own or operate a system utilizing a VOC for the cold solvent cleaning of objects without the controls listed in §115.412(1)(A)-(F).	[G]§ 115.415(1) § 115.415(3) ** See Periodic Monitoring Summary	None	None
F102APVA	EP	R1111-2	PM (OPACITY)	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(A)	Visible emissions from any stationary vent shall not exceed an opacity of 30% averaged over a six-minute period. The emissions from this vent originate from colorless VOCs, non-fuming liquids, or other sources that are not capable of obstructing the transmission of light. These vents are not capable of exceeding the opacity standards of 30 TAC Chapter	None	None	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition I.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						111 and therefore no monitoring is required to demonstrate compliance.			
F102APVB	EP	R1111-2	PM (OPACITY)	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(A)	Visible emissions from any stationary vent shall not exceed an opacity of 30% averaged over a six-minute period. The emissions from this vent originate from colorless VOCs, non-fuming liquids, or other sources that are not capable of obstructing the transmission of light. These vents are not capable of exceeding the opacity standards of 30 TAC Chapter 111 and therefore no monitoring is required to demonstrate compliance.	None	None	None
F102BPVA	EP	R1111-2	PM (OPACITY)	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(A)	Visible emissions from any stationary vent shall not exceed an opacity of 30% averaged over a six-minute period. The emissions from this vent originate from colorless VOCs, non-fuming liquids, or	None	None	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						other sources that are not capable of obstructing the transmission of light. These vents are not capable of exceeding the opacity standards of 30 TAC Chapter 111 and therefore no monitoring is required to demonstrate compliance.			
F102BPVB	EP	R1111-2	PM (OPACITY)	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(A)	Visible emissions from any stationary vent shall not exceed an opacity of 30% averaged over a six-minute period. The emissions from this vent originate from colorless VOCs, non-fuming liquids, or other sources that are not capable of obstructing the transmission of light. These vents are not capable of exceeding the opacity standards of 30 TAC Chapter 111 and therefore no monitoring is required to demonstrate compliance.	None	None	None
F1203PV	EP	R5127-1	VOC	30 TAC Chapter 115, Vent Gas	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4)	A vent gas stream having a combined	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2)	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition I.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
				Controls	§ 115.127(a)(2)	weight of volatile organic compounds (VOC) < 100 lbs (45.4 kg) in any continuous 24-hour period is exempt from the requirements of § 115.121(a)(1).		§ 115.126(4)	
F1205PV	EP	R5127-1	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC) < 100 lbs (45.4 kg) in any continuous 24-hour period is exempt from the requirements of § 115.121(a)(1).	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
F1205PV	EP	R5127-1	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(B) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream specified in § 115.121(a)(1) of this title with a concentration of VOC < 612 ppmv is exempt from § 115.121(a)(1).	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
F1207VSV	EP	R5127-1	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC) < 100 lbs (45.4 kg) in any continuous 24-hour period is exempt from the requirements of § 115.121(a)(1).	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition I.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
F1209PV	EP	R5127-1	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC) < 100 lbs (45.4 kg) in any continuous 24-hour period is exempt from the requirements of § 115.121(a)(1).	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
F203APV	EP	R5127-1	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC) < 100 lbs (45.4 kg) in any continuous 24-hour period is exempt from the requirements of § 115.121(a)(1).	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
F204APV	EP	R1111-2	PM (OPACITY)	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(A)	Visible emissions from any stationary vent shall not exceed an opacity of 30% averaged over a six-minute period. The emissions from this vent originate from colorless VOCs, non-fuming liquids, or other sources that are not capable of obstructing the transmission of light. These vents are not capable of exceeding	None	None	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition I.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						the opacity standards of 30 TAC Chapter 111 and therefore no monitoring is required to demonstrate compliance.			
F204BPV	EP	R1111-2	PM (OPACITY)	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(A)	Visible emissions from any stationary vent shall not exceed an opacity of 30% averaged over a six-minute period. The emissions from this vent originate from colorless VOCs, non-fuming liquids, or other sources that are not capable of obstructing the transmission of light. These vents are not capable of exceeding the opacity standards of 30 TAC Chapter 111 and therefore no monitoring is required to demonstrate compliance.	None	None	None
F205PV	EP	R5127-1	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC) < 100 lbs (45.4 kg) in any continuous 24-hour period is exempt from the	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						requirements of § 115.121(a)(1).			
F205PV	EP	R5127-1	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(B) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream specified in § 115.121(a)(1) of this title with a concentration of VOC < 612 ppmv is exempt from § 115.121(a)(1).	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
F207VSV	EP	R5127-1	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC) < 100 lbs (45.4 kg) in any continuous 24-hour period is exempt from the requirements of § 115.121(a)(1).	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
F207VSV	EU	63PPP-7	112(B) HAPS	40 CFR Part 63, Subpart PPP	§ 63.1425(b)(2)(i) § 63.1425(c)(2)	For existing affected sources, the permit holder shall reduce epoxide emissions from each process vents using a flare.	§ 63.1429(a)(2) [G]§ 63.1437(c)	[G]§ 63.1430(b)(1) § 63.1430(d)(1)(i) § 63.1439(a) [G]§ 63.1439(b)(1)	§ 63.1430(h)(5) § 63.1439(e)(6) § 63.1439(e)(6)(i) § 63.1439(e)(6)(ii) § 63.1439(e)(6)(iv)
F209PV	EP	R5127-1	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC) < 100 lbs (45.4 kg) in any continuous 24-hour period is exempt from the requirements of § 115.121(a)(1).	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition I.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
F2207VSV	EU	63PPP-8	112(B) HAPS	40 CFR Part 63, Subpart PPP	§ 63.1425(b)(2)(i) § 63.1425(c)(2)	For existing affected sources, the permit holder shall reduce epoxide emissions from each process vents using a flare.	§ 63.1429(a)(2) [G]§ 63.1437(c)	[G]§ 63.1430(b)(1) § 63.1430(d)(1)(i) § 63.1439(a) [G]§ 63.1439(b)(1)	§ 63.1430(h)(5) § 63.1439(e)(6) § 63.1439(e)(6)(i) § 63.1439(e)(6)(ii) § 63.1439(e)(6)(iv)
F303PV	EP	R1111-2	PM (OPACITY)	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(A)	Visible emissions from any stationary vent shall not exceed an opacity of 30% averaged over a six-minute period. The emissions from this vent originate from colorless VOCs, non-fuming liquids, or other sources that are not capable of obstructing the transmission of light. These vents are not capable of exceeding the opacity standards of 30 TAC Chapter 111 and therefore no monitoring is required to demonstrate compliance.	None	None	None
F304PV	EP	R1111-2	PM (OPACITY)	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(A)	Visible emissions from any stationary vent shall not exceed an opacity of 30% averaged over a six-minute period. The emissions from this vent originate from	None	None	None



### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition I.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						colorless VOCs, non-fuming liquids, or other sources that are not capable of obstructing the transmission of light. These vents are not capable of exceeding the opacity standards of 30 TAC Chapter 111 and therefore no monitoring is required to demonstrate compliance.			
F305APV	EP	R1111-2	PM (OPACITY)	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(A)	Visible emissions from any stationary vent shall not exceed an opacity of 30% averaged over a six-minute period. The emissions from this vent originate from colorless VOCs, non-fuming liquids, or other sources that are not capable of obstructing the transmission of light. These vents are not capable of exceeding the opacity standards of 30 TAC Chapter 111 and therefore no monitoring is required to demonstrate compliance.	None	None	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition I.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
F305BPV	EP	R1111-2	PM (OPACITY)	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(A)	Visible emissions from any stationary vent shall not exceed an opacity of 30% averaged over a six-minute period. The emissions from this vent originate from colorless VOCs, non-fuming liquids, or other sources that are not capable of obstructing the transmission of light. These vents are not capable of exceeding the opacity standards of 30 TAC Chapter 111 and therefore no monitoring is required to demonstrate compliance.	None	None	None
F306APV	EP	R1111-2	PM (OPACITY)	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(A)	Visible emissions from any stationary vent shall not exceed an opacity of 30% averaged over a six-minute period. The emissions from this vent originate from colorless VOCs, non-fuming liquids, or other sources that are not capable of obstructing the transmission of light. These vents are not	None	None	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition I.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						capable of exceeding the opacity standards of 30 TAC Chapter 111 and therefore no monitoring is required to demonstrate compliance.			
F306BPV	EP	R1111-2	PM (OPACITY)	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(A)	Visible emissions from any stationary vent shall not exceed an opacity of 30% averaged over a six-minute period. The emissions from this vent originate from colorless VOCs, non-fuming liquids, or other sources that are not capable of obstructing the transmission of light. These vents are not capable of exceeding the opacity standards of 30 TAC Chapter 111 and therefore no monitoring is required to demonstrate compliance.	None	None	None
F306CPV	EP	R1111-2	PM (OPACITY)	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(A)	Visible emissions from any stationary vent shall not exceed an opacity of 30% averaged over a six-minute period. The emissions from this	None	None	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition I.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						vent originate from colorless VOCs, non-fuming liquids, or other sources that are not capable of obstructing the transmission of light. These vents are not capable of exceeding the opacity standards of 30 TAC Chapter 111 and therefore no monitoring is required to demonstrate compliance.			
F306DPV	EP	R1111-2	PM (OPACITY)	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(A)	Visible emissions from any stationary vent shall not exceed an opacity of 30% averaged over a six-minute period. The emissions from this vent originate from colorless VOCs, non-fuming liquids, or other sources that are not capable of obstructing the transmission of light. These vents are not capable of exceeding the opacity standards of 30 TAC Chapter 111 and therefore no monitoring is required to demonstrate compliance.	None	None	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition I.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
F3204A	EU	R5117-10	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None
F3204B	EU	R5117-10	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None
F3207VSV	EU	63PPP-9	112(B) HAPS	40 CFR Part 63, Subpart PPP	§ 63.1425(b)(2)(i) § 63.1425(c)(2)	For existing affected sources, the permit holder shall reduce epoxide emissions from each process vents using a flare.	§ 63.1429(a)(2) [G]§ 63.1437(c)	[G]§ 63.1430(b)(1) § 63.1430(d)(1)(i) § 63.1439(a) [G]§ 63.1439(b)(1)	§ 63.1430(h)(5) § 63.1439(e)(6) § 63.1439(e)(6)(i) § 63.1439(e)(6)(ii) § 63.1439(e)(6)(iv)
F4207VSV	EU	63PPP-10	112(B) HAPS	40 CFR Part 63, Subpart PPP	§ 63.1425(b)(2)(i) § 63.1425(c)(2)	For existing affected sources, the permit holder shall reduce epoxide emissions from each process vents using a flare.	§ 63.1429(a)(2) [G]§ 63.1437(c)	[G]§ 63.1430(b)(1) § 63.1430(d)(1)(i) § 63.1439(a) [G]§ 63.1439(b)(1)	§ 63.1430(h)(5) § 63.1439(e)(6) § 63.1439(e)(6)(i) § 63.1439(e)(6)(ii) § 63.1439(e)(6)(iv)
F5207VSV	EU	63PPP-11	112(B) HAPS	40 CFR Part 63, Subpart PPP	§ 63.1425(b)(2)(i) § 63.1425(c)(2)	For existing affected sources, the permit holder shall reduce epoxide emissions from each process vents using a flare.	§ 63.1429(a)(2) [G]§ 63.1437(c)	[G]§ 63.1430(b)(1) § 63.1430(d)(1)(i) § 63.1439(a) [G]§ 63.1439(b)(1)	§ 63.1430(h)(5) § 63.1439(e)(6) § 63.1439(e)(6)(i) § 63.1439(e)(6)(ii) § 63.1439(e)(6)(iv)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition I.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
G408A	EP	R1111-3	PM (OPACITY)	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(A) § 111.111(a)(1)(E)	Visible emissions from any stationary vent shall not exceed an opacity of 30% averaged over a six minute period.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None
G408A	EU	63III-1	NMHC and NO <sub>x</sub>	40 CFR Part 60, Subpart IIII	§ 60.4205(c)-Table 4 § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f) § 60.4218	Owners and operators of emergency stationary fire pump CI ICE with a maximum engine power greater than or equal to 130 KW and less than or equal to 560 KW and a displacement of less than 30 liters per cylinder and is a 2009 model year and later must comply with an NMHC+NO <sub>x</sub> emission limit of 4.0 g/KW-hr, as listed in Table 4 to this subpart.	None	None	[G]§ 60.4214(d)
G408A	EU	63III-1	PM	40 CFR Part 60, Subpart IIII	§ 60.4205(c)-Table 4 § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f) § 60.4218	Owners and operators of emergency stationary fire pump CI ICE with a maximum engine power greater than or equal to 130 KW and less than or equal to 560 KW and a displacement of less than 30 liters per cylinder and is a 2009	None	None	[G]§ 60.4214(d)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition I.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						model year and later must comply with a PM emission limit of 0.20 g/KW-hr, as listed in Table 4 to this subpart.			
G408A	EU	63ZZZZ-1	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6590(c)	Stationary RICE subject to Regulations under 40 CFR Part 60. An affected source that meets any of the criteria in paragraphs (c)(1) through (7) of this section must meet the requirements of this part by meeting the requirements of 40 CFR part 60 subpart IIII, for compression ignition engines or 40 CFR part 60 subpart JJJJ, for spark ignition engines as applicable. No further requirements apply for such engines under this part.	None	None	None
G408B	EP	R1111-3	PM (OPACITY)	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(A) § 111.111(a)(1)(E)	Visible emissions from any stationary vent shall not exceed an opacity of 30% averaged over a six minute period.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None
G408B	EU	63IIII-1	NMHC and NO <sub>x</sub>	40 CFR Part 60, Subpart IIII	§ 60.4205(c)-Table 4 § 60.4206	Owners and operators of emergency	None	None	[G]§ 60.4214(d)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition I.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f) § 60.4218	stationary fire pump CI ICE with a maximum engine power greater than or equal to 130 KW and less than or equal to 560 KW and a displacement of less than 30 liters per cylinder and is a 2009 model year and later must comply with an NMHC+NOx emission limit of 4.0 g/KW-hr, as listed in Table 4 to this subpart.			
G408B	EU	63III-1	PM	40 CFR Part 60, Subpart III	§ 60.4205(c)-Table 4 § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f) § 60.4218	Owners and operators of emergency stationary fire pump CI ICE with a maximum engine power greater than or equal to 130 KW and less than or equal to 560 KW and a displacement of less than 30 liters per cylinder and is a 2009 model year and later must comply with a PM emission limit of 0.20 g/KW-hr, as listed in Table 4 to this subpart.	None	None	[G]§ 60.4214(d)
G408B	EU	63ZZZZ-1	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6590(c)	Stationary RICE subject to Regulations	None	None	None



### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition I.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						under 40 CFR Part 60. An affected source that meets any of the criteria in paragraphs (c)(1) through (7) of this section must meet the requirements of this part by meeting the requirements of 40 CFR part 60 subpart IIII, for compression ignition engines or 40 CFR part 60 subpart JJJJ, for spark ignition engines as applicable. No further requirements apply for such engines under this part.			
G4408A	EP	R1111-3	PM (OPACITY)	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(B) § 111.111(a)(1)(E)	Visible emissions from any stationary vent shall not exceed an opacity of 20% averaged over a six minute period for any source on which construction was begun after January 31, 1972.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None
G4408A	EU	63ZZZZ-1	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6603(a)-Table2d.4 § 63.6595(a)(1) § 63.6605(a) § 63.6605(b) § 63.6625(e)	For each existing emergency stationary CI RICE and black start stationary CI RICE, located at an area source, you must	§ 63.6625(f) § 63.6625(i) § 63.6640(a) § 63.6640(a)-Table6.9.a.i § 63.6640(a)-	§ 63.6625(i) § 63.6655(a) § 63.6655(a)(1) § 63.6655(d) § 63.6655(e) § 63.6655(f)	§ 63.6640(b) § 63.6640(e) § 63.6650(f)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.6625(e)(3) § 63.6625(h) § 63.6625(i) § 63.6640(b) § 63.6640(f)(1) [G]§ 63.6640(f)(2) [G]§ 63.6640(f)(4)	comply with the requirements as specified in Table 2d.4.a-c.	Table 6.9.a.ii § 63.6640(b)	§ 63.6660(a) § 63.6660(b) § 63.6660(c)	
G4408B	EP	R1111-3	PM (OPACITY)	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(B) § 111.111(a)(1)(E)	Visible emissions from any stationary vent shall not exceed an opacity of 20% averaged over a six minute period for any source on which construction was begun after January 31, 1972.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None
G4408B	EU	63ZZZZ-1	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6603(a)-Table 2d.4 § 63.6595(a)(1) § 63.6605(a) § 63.6605(b) § 63.6625(e) § 63.6625(e)(3) § 63.6625(h) § 63.6625(i) § 63.6640(b) § 63.6640(f)(1) [G]§ 63.6640(f)(2) [G]§ 63.6640(f)(4)	For each existing emergency stationary CI RICE and black start stationary CI RICE, located at an area source, you must comply with the requirements as specified in Table 2d.4.a-c.	§ 63.6625(f) § 63.6625(i) § 63.6640(a) § 63.6640(a)-Table 6.9.a.i § 63.6640(a)-Table 6.9.a.ii § 63.6640(b)	§ 63.6625(i) § 63.6655(a) § 63.6655(a)(1) § 63.6655(d) § 63.6655(e) § 63.6655(f) § 63.6660(a) § 63.6660(b) § 63.6660(c)	§ 63.6640(b) § 63.6640(e) § 63.6650(f)
G5418	EU	63ZZZZ-1	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6603(a)-Table 2d.5 § 63.6595(a)(1) § 63.6605(a) § 63.6605(b) § 63.6625(e)	For each existing emergency stationary SI RICE; black start stationary SI RICE; non-emergency, non-black start 4SLB	§ 63.6625(f) § 63.6625(j) § 63.6640(a) § 63.6640(a)-Table 6.9.a.i § 63.6640(a)-	§ 63.6625(j) § 63.6655(a) § 63.6655(a)(1) § 63.6655(d) § 63.6655(e) § 63.6655(f)	§ 63.6640(b) § 63.6640(e) § 63.6650(f)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition I.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.6625(e)(3) § 63.6625(h) § 63.6625(j) § 63.6640(b) § 63.6640(f)(1) [G]§ 63.6640(f)(2) [G]§ 63.6640(f)(4)	stationary RICE with a site rating greater than 500 HP that operates 24 hours or less per calendar year; non-emergency, non-black start 4SRB stationary RICE with a site rating greater than 500 HP that operates 24 hours or less per calendar year, located at an area source, you must comply with the requirements as specified in Table 2d.5.a-c.	Table 6.9.a.ii § 63.6640(b)	§ 63.6660(a) § 63.6660(b) § 63.6660(c)	
GRPFUG1	EU	R5352-1	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(3) § 115.352(5) § 115.352(7) § 115.352(8) § 115.357(1) § 115.357(12) § 115.357(8)	No flanges or other connectors shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(1) § 115.354(11) § 115.354(3) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355 § 115.357(1)	§ 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	None
GRPFUG1	EU	R5352-1	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(10)	No flanges or other connectors shall be allowed to have a VOC	§ 115.354(1) § 115.354(10) § 115.354(11)	§ 115.352(7) § 115.354(10) § 115.356	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 115.352(2) § 115.352(2)(A) § 115.352(3) § 115.352(5) § 115.352(7) § 115.352(8) § 115.357(12) § 115.357(8)	leak, for more than 15 days after discovery which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(3) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355 § 115.357(1)	[G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	
GRPFUG1	EU	R5352-1	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(B) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(2)(C) § 115.352(2)(C)(i) § 115.352(2)(C)(ii) § 115.352(2)(C)(iii) § 115.352(3) § 115.352(5) § 115.352(7) § 115.357(1) § 115.357(8)	No pump seals shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 10,000 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(1) § 115.354(2) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355 § 115.357(1)	§ 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) [G]§ 115.356(3)(C) § 115.356(5)	None
GRPFUG1	EU	R5352-1	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(B) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(2)(C) § 115.352(2)(C)(i) § 115.352(2)(C)(ii) § 115.352(2)(C)(iii) § 115.352(3)	No pump seals shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 10,000 parts per million by volume above background as	§ 115.354(1) § 115.354(10) § 115.354(2) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355	§ 115.352(7) § 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition I.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 115.352(5) § 115.352(7) § 115.357(12) § 115.357(8)	methane, or the dripping or exuding of process fluid based on sight, smell, or sound.			
GRPFUG2	EU	R5352-2	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.357(2) § 115.352(9)	Each pressure relief valve equipped with a rupture disk must comply with §115.352(9) and §115.356(3)(C).	None	§ 115.356 § 115.356(3) [G]§ 115.356(3)(C)	None
GRPFUG2	EU	R5352-2	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(3) § 115.352(7) § 115.357(1)	No process drains shall be allowed to have a VOC leak, for more than 15 days after discovery, which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(1) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355 § 115.357(1)	§ 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	None
GRPFUG2	EU	R5352-2	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(3) § 115.352(7)	No process drains shall be allowed to have a VOC leak, for more than 15 days after discovery, which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of	§ 115.354(1) § 115.354(10) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355	§ 115.352(7) § 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) § 115.356(5)	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition I.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						process fluid based on sight, smell, or sound.			
GRPFUG2	EU	R5352-2	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(3) § 115.352(5) § 115.352(7) § 115.352(8) § 115.357(1) § 115.357(12) § 115.357(8)	No flanges or other connectors shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(1) § 115.354(11) § 115.354(3) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355 § 115.357(1)	§ 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	None
GRPFUG2	EU	R5352-2	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(3) § 115.352(5) § 115.352(7) § 115.352(8) § 115.357(12) § 115.357(8)	No flanges or other connectors shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(1) § 115.354(10) § 115.354(11) § 115.354(3) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355 § 115.357(1)	§ 115.352(7) § 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	None
GRPFUG2	EU	R5352-2	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(B) § 115.352(1) § 115.352(10) § 115.352(2)	No pump seals shall be allowed to have a VOC leak, for more than 15 days after	§ 115.354(1) § 115.354(2) § 115.354(5) § 115.354(6)	§ 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2)	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition I.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 115.352(2)(A) § 115.352(2)(C) § 115.352(2)(C)(i) § 115.352(2)(C)(ii) § 115.352(2)(C)(iii) § 115.352(3) § 115.352(5) § 115.352(7) § 115.357(1) § 115.357(8)	discovery which exceeds a screening concentration greater than 10,000 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(9) [G]§ 115.355 § 115.357(1)	§ 115.356(3) [G]§ 115.356(3)(C) § 115.356(5)	
GRPFUG2	EU	R5352-2	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(B) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(2)(C) § 115.352(2)(C)(i) § 115.352(2)(C)(ii) § 115.352(2)(C)(iii) § 115.352(3) § 115.352(5) § 115.352(7) § 115.357(12) § 115.357(8)	No pump seals shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 10,000 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(1) § 115.354(10) § 115.354(2) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355	§ 115.352(7) § 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	None
GRPFUG3	EU	R5352-5	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(3) § 115.352(5) § 115.352(7) § 115.352(8) § 115.357(1) § 115.357(12) § 115.357(8)	No flanges or other connectors shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the	§ 115.354(1) § 115.354(11) § 115.354(3) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355 § 115.357(1)	§ 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition I.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						dripping or exuding of process fluid based on sight, smell, or sound.			
GRPFUG3	EU	R5352-5	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(3) § 115.352(5) § 115.352(7) § 115.352(8) § 115.357(12) § 115.357(8)	No flanges or other connectors shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(1) § 115.354(10) § 115.354(11) § 115.354(3) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355 § 115.357(1)	§ 115.352(7) § 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	None
GRPFUG3	EU	R5352-5	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(B) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(2)(C) § 115.352(2)(C)(i) § 115.352(2)(C)(ii) § 115.352(2)(C)(iii) § 115.352(3) § 115.352(5) § 115.352(7) § 115.357(1) § 115.357(8)	No pump seals shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 10,000 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(1) § 115.354(2) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355 § 115.357(1)	§ 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) [G]§ 115.356(3)(C) § 115.356(5)	None
GRPFUG3	EU	R5352-5	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(B) § 115.352(1) § 115.352(10) § 115.352(2)	No pump seals shall be allowed to have a VOC leak, for more than 15 days after	§ 115.354(1) § 115.354(10) § 115.354(2) § 115.354(5)	§ 115.352(7) § 115.354(10) § 115.356 [G]§ 115.356(1)	None



### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition I.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 115.352(2)(A) § 115.352(2)(C) § 115.352(2)(C)(i) § 115.352(2)(C)(iii) § 115.352(2)(C)(iii) § 115.352(3) § 115.352(5) § 115.352(7) § 115.357(12) § 115.357(8)	discovery which exceeds a screening concentration greater than 10,000 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(6) § 115.354(9) [G]§ 115.355	[G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	
GRPFUG4	EU	R5352-6	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.357(2) § 115.352(9)	Each pressure relief valve equipped with a rupture disk must comply with §115.352(9) and §115.356(3)(C).	None	§ 115.356 § 115.356(3) [G]§ 115.356(3)(C)	None
GRPFUG4	EU	R5352-6	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(3) § 115.352(7) § 115.357(1)	No process drains shall be allowed to have a VOC leak, for more than 15 days after discovery, which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(1) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355 § 115.357(1)	§ 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	None
GRPFUG4	EU	R5352-6	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(3)	No process drains shall be allowed to have a VOC leak, for more than 15 days after discovery, which exceeds a screening	§ 115.354(1) § 115.354(10) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355	§ 115.352(7) § 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3)	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition I.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 115.352(7)	concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.		§ 115.356(3)(A) § 115.356(3)(B) § 115.356(5)	
GRPFUG4	EU	R5352-6	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(3) § 115.352(5) § 115.352(7) § 115.352(8) § 115.357(1) § 115.357(12) § 115.357(8)	No flanges or other connectors shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(1) § 115.354(11) § 115.354(3) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355 § 115.357(1)	§ 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	None
GRPFUG4	EU	R5352-6	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(3) § 115.352(5) § 115.352(7) § 115.352(8) § 115.357(12) § 115.357(8)	No flanges or other connectors shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of	§ 115.354(1) § 115.354(10) § 115.354(11) § 115.354(3) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355 § 115.357(1)	§ 115.352(7) § 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition I.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						process fluid based on sight, smell, or sound.			
GRPFUG4	EU	R5352-6	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(B) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(2)(C) § 115.352(2)(C)(i) § 115.352(2)(C)(ii) § 115.352(2)(C)(iii) § 115.352(3) § 115.352(5) § 115.352(7) § 115.357(1) § 115.357(8)	No pump seals shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 10,000 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(1) § 115.354(2) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355 § 115.357(1)	§ 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) [G]§ 115.356(3)(C) § 115.356(5)	None
GRPFUG4	EU	R5352-6	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(B) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(2)(C) § 115.352(2)(C)(i) § 115.352(2)(C)(ii) § 115.352(2)(C)(iii) § 115.352(3) § 115.352(5) § 115.352(7) § 115.357(12) § 115.357(8)	No pump seals shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 10,000 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(1) § 115.354(10) § 115.354(2) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355	§ 115.352(7) § 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	None
GRPLOADA	EU	R5217-1	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.217(a)(1) § 115.214(a)(1)(B) § 115.214(a)(1)(D) § 115.214(a)(1)(D)(i)	Vapor pressure (at land-based operations). All land-based loading and unloading of VOC with a true vapor	§ 115.214(a)(1)(A) § 115.214(a)(1)(A)(i) § 115.215 § 115.215(4)	§ 115.216 § 115.216(2) § 115.216(3)(B)	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						pressure less than 0.5 psia is exempt from the requirements of this division, except as specified.			
GRPTNKA	EU	R5117-1	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None
GRPTNKB	EU	R5117-1	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None
GRPTNKC	EU	R5117-1	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
GRPTNKD	EU	R5117-1	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						requirements of this division.			
GRPTNKE	EU	R5117-1	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None
LOAD	EU	115C1	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.217(a)(1) § 115.214(a)(1)(B) § 115.214(a)(1)(D) § 115.214(a)(1)(D)(i)	Vapor pressure (at land-based operations). All land-based loading and unloading of VOC with a true vapor pressure less than 0.5 psia is exempt from the requirements of this division, except as specified.	§ 115.214(a)(1)(A) § 115.214(a)(1)(A)(i) § 115.215 § 115.215(4)	§ 115.216 § 115.216(2) § 115.216(3)(B)	None
LOADRAIL	EU	115C1	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.217(a)(1) § 115.214(a)(1)(B) § 115.214(a)(1)(D) § 115.214(a)(1)(D)(i)	Vapor pressure (at land-based operations). All land-based loading and unloading of VOC with a true vapor pressure less than 0.5 psia is exempt from the requirements of this division, except as specified.	§ 115.214(a)(1)(A) § 115.214(a)(1)(A)(i) § 115.215 § 115.215(4)	§ 115.216 § 115.216(2) § 115.216(3)(B)	None
P1FL1	EU	R1111-1	PM (OPACITY)	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(4)(A)	Visible emissions from a process gas flare shall not be	§ 111.111(a)(4)(A)(i) § 111.111(a)(4)(A)(ii)	§ 111.111(a)(4)(A)(ii)	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition I.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						permitted for more than five minutes in any two-hour period, except for upset emissions as provided in §101.11(a).			
P1FL1	CD	63A-1	112(B) HAPS	40 CFR Part 63, Subpart A	§ 63.11(b)(4) § 63.11(b)(1) § 63.11(b)(2) § 63.11(b)(3) § 63.11(b)(5) § 63.11(b)(6)(ii) § 63.11(b)(7)(i)	Flares shall be designed and operated with no visible emissions, except for periods of a total of 5 minutes or less during any 2 consecutive hrs. Test Method 22 in App. A of part 60 of this chapter shall be used.	§ 63.11(b)(4) § 63.11(b)(5) § 63.11(b)(7)(i)	None	None
P1OSFE	EU	63PPP-13	112(B) HAPS	40 CFR Part 63, Subpart PPP	§ 63.1434(a) § 63.165(b)(1) [G]§ 63.171	Standards: Pressure relief device in gas/vapor service. §63.165(a)-(d)	§ 63.1434(a) [G]§ 63.162(f) § 63.165(b)(2) [G]§ 63.180	§ 63.1439(a) § 63.1439(c) [G]§ 63.181	§ 63.1434(f) § 63.1439(c) § 63.1439(e)(6) § 63.1439(e)(6)(i) § 63.1439(e)(6)(vii)
P1OSFE	EU	63PPP-13	112(B) HAPS	40 CFR Part 63, Subpart PPP	§ 63.1434(a) [G]§ 63.166 [G]§ 63.171	Standards: Sampling connection systems. §63.166(a)-(c)	§ 63.1434(a) [G]§ 63.162(f) [G]§ 63.180	§ 63.1439(a) § 63.1439(c) [G]§ 63.181	§ 63.1434(f) § 63.1439(c) § 63.1439(e)(6) § 63.1439(e)(6)(i) § 63.1439(e)(6)(vii)
P1OSFE	EU	63PPP-13	112(B) HAPS	40 CFR Part 63, Subpart PPP	§ 63.1434(a) [G]§ 63.169 [G]§ 63.171	Standards: Pumps in heavy liquid service. §63.169(a)-(d)	§ 63.1434(a) [G]§ 63.162(f) § 63.169(a) [G]§ 63.180	§ 63.1439(a) § 63.1439(c) [G]§ 63.181	§ 63.1434(f) § 63.1439(c) § 63.1439(e)(6) § 63.1439(e)(6)(i) § 63.1439(e)(6)(vii)
P1OSFE	EU	63PPP-13	112(B) HAPS	40 CFR Part 63, Subpart PPP	§ 63.1434(a) [G]§ 63.169	Standards: Valves in heavy liquid service.	§ 63.1434(a) [G]§ 63.162(f)	§ 63.1439(a) § 63.1439(c)	§ 63.1434(f) § 63.1439(c)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition I.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					[G]§ 63.171	§63.169(a)-(d)	§ 63.169(a) [G]§ 63.180	[G]§ 63.181	§ 63.1439(e)(6) § 63.1439(e)(6)(i) § 63.1439(e)(6)(vii)
P1OSFE	EU	63PPP-13	112(B) HAPS	40 CFR Part 63, Subpart PPP	§ 63.1434(a) [G]§ 63.169 [G]§ 63.171	Standards: Connector in heavy liquid service. §63.169(a)-(d)	§ 63.1434(a) [G]§ 63.162(f) § 63.169(a) [G]§ 63.180	§ 63.1439(a) [G]§ 63.181	§ 63.1434(f) § 63.1439(c) § 63.1439(e)(6) § 63.1439(e)(6)(i) § 63.1439(e)(6)(vii)
P1OSFE	EU	63PPP-13	112(B) HAPS	40 CFR Part 63, Subpart PPP	§ 63.1434(a) [G]§ 63.169 [G]§ 63.171	Standards: Agitators in heavy liquid service. §63.169(a)-(d)	§ 63.1434(a) [G]§ 63.162(f) § 63.169(a) [G]§ 63.180	§ 63.1439(a) § 63.1439(c) [G]§ 63.181	§ 63.1434(f) § 63.1439(c) § 63.1439(e)(6) § 63.1439(e)(6)(i) § 63.1439(e)(6)(vii)
P1OSFE	EU	63PPP-13	112(B) HAPS	40 CFR Part 63, Subpart PPP	§ 63.1434(a) [G]§ 63.169 [G]§ 63.171	Standards: Instrumentation systems. §63.169(a)-(d)	§ 63.1434(a) [G]§ 63.162(f) § 63.169(a) [G]§ 63.180	§ 63.1439(a) § 63.1439(c) [G]§ 63.181	§ 63.1434(f) § 63.1439(c) § 63.1439(e)(6) § 63.1439(e)(6)(i) § 63.1439(e)(6)(vii)
P1OSFE	EU	63PPP-13	112(B) HAPS	40 CFR Part 63, Subpart PPP	§ 63.1434(a) [G]§ 63.169 [G]§ 63.171	Standards: Pressure relief devices in liquid service. §63.169(a)-(d)	§ 63.1434(a) [G]§ 63.162(f) § 63.169(a) [G]§ 63.180	§ 63.1439(a) § 63.1439(c) [G]§ 63.181	§ 63.1434(f) § 63.1439(c) § 63.1439(e)(6) § 63.1439(e)(6)(i) § 63.1439(e)(6)(vii)
P1OSFE	EU	63PPP-13	112(B) HAPS	40 CFR Part 63, Subpart PPP	§ 63.1434(a) [G]§ 63.171 § 63.174(a)(2) § 63.174(d)	Standards: Connectors in gas/vapor service and in light liquid service. §63.174(a)-(j)	§ 63.1434(a) [G]§ 63.162(f) [G]§ 63.174(b) [G]§ 63.174(c) [G]§ 63.174(h) [G]§ 63.180	§ 63.1439(a) § 63.1439(c) [G]§ 63.181	§ 63.1434(f) § 63.1439(c) § 63.1439(e)(6) § 63.1439(e)(6)(i) § 63.1439(e)(6)(vii)
P1OSFE	EU	63PPP-13	112(B) HAPS	40 CFR Part 63, Subpart PPP	§ 63.1434(a) § 63.163(b)(2)(iii) § 63.163(b)(3) [G]§ 63.163(c)	Standards: Pumps in light liquid service. §63.163(a)-(j)	§ 63.1434(a) [G]§ 63.162(f) § 63.163(b)(1) § 63.163(b)(3)	§ 63.1439(a) § 63.1439(c) [G]§ 63.181	§ 63.1434(f) § 63.1439(c) § 63.1439(e)(6) § 63.1439(e)(6)(i)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition I.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					[G]§ 63.163(e) [G]§ 63.163(f) [G]§ 63.171		[G]§ 63.163(e) § 63.163(f) [G]§ 63.180		§ 63.1439(e)(6)(vii)
P1OSFE	EU	63PPP-13	112(B) HAPS	40 CFR Part 63, Subpart PPP	§ 63.1434(a) [G]§ 63.167 [G]§ 63.171 [G]§ 63.175	Standards: Open-ended valves or lines. §63.167(a)-(e).	§ 63.1434(a) [G]§ 63.162(f) [G]§ 63.175 [G]§ 63.180	§ 63.1439(a) § 63.1439(c) [G]§ 63.181	§ 63.1434(f) § 63.1439(c) § 63.1439(e)(6) § 63.1439(e)(6)(i) § 63.1439(e)(6)(vii)
P1OSFE	EU	63PPP-13	112(B) HAPS	40 CFR Part 63, Subpart PPP	§ 63.1434(a) § 63.168(a)(1)(i)(C) § 63.168(b)(2)(iii) § 63.168(f)(1) § 63.168(f)(2) [G]§ 63.168(g) [G]§ 63.171 [G]§ 63.175	Standards: Valves in gas/vapor service and in light liquid service. §63.168(a)-(j)	§ 63.1434(a) [G]§ 63.162(f) [G]§ 63.168(d) [G]§ 63.168(f)(3) [G]§ 63.168(i) [G]§ 63.175 [G]§ 63.180	§ 63.1439(a) § 63.1439(c) [G]§ 63.181	§ 63.1434(f) § 63.1439(c) § 63.1439(e)(6) § 63.1439(e)(6)(i) § 63.1439(e)(6)(vii)
P1PUFE	EU	63PPP-17	112(B) HAPS	40 CFR Part 63, Subpart PPP	§ 63.1434(a) § 63.165(b)(1) [G]§ 63.171	Standards: Pressure relief device in gas/vapor service. §63.165(a)-(d)	§ 63.1434(a) [G]§ 63.162(f) § 63.165(b)(2) [G]§ 63.180	§ 63.1439(a) § 63.1439(c) [G]§ 63.181	§ 63.1434(f) § 63.1439(c) § 63.1439(e)(6) § 63.1439(e)(6)(i) § 63.1439(e)(6)(vii)
P1PUFE	EU	63PPP-17	112(B) HAPS	40 CFR Part 63, Subpart PPP	§ 63.1434(a) [G]§ 63.166 [G]§ 63.171	Standards: Sampling connection systems. §63.166(a)-(c)	§ 63.1434(a) [G]§ 63.162(f) [G]§ 63.180	§ 63.1439(a) § 63.1439(c) [G]§ 63.181	§ 63.1434(f) § 63.1439(c) § 63.1439(e)(6) § 63.1439(e)(6)(i) § 63.1439(e)(6)(vii)
P1PUFE	EU	63PPP-17	112(B) HAPS	40 CFR Part 63, Subpart PPP	§ 63.1434(a) [G]§ 63.169 [G]§ 63.171	Standards: Pumps in heavy liquid service. §63.169(a)-(d)	§ 63.1434(a) [G]§ 63.162(f) § 63.169(a) [G]§ 63.180	§ 63.1439(a) § 63.1439(c) [G]§ 63.181	§ 63.1434(f) § 63.1439(c) § 63.1439(e)(6) § 63.1439(e)(6)(i) § 63.1439(e)(6)(vii)
P1PUFE	EU	63PPP-17	112(B) HAPS	40 CFR Part 63, Subpart PPP	§ 63.1434(a) [G]§ 63.169	Standards: Valves in heavy liquid service.	§ 63.1434(a) [G]§ 63.162(f)	§ 63.1439(a) § 63.1439(c)	§ 63.1434(f) § 63.1439(c)



### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition I.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					[G]§ 63.171	§63.169(a)-(d)	§ 63.169(a) [G]§ 63.180	[G]§ 63.181	§ 63.1439(e)(6) § 63.1439(e)(6)(i) § 63.1439(e)(6)(vii)
P1PUFE	EU	63PPP-17	112(B) HAPS	40 CFR Part 63, Subpart PPP	§ 63.1434(a) [G]§ 63.169 [G]§ 63.171	Standards: Connector in heavy liquid service. §63.169(a)-(d)	§ 63.1434(a) [G]§ 63.162(f) § 63.169(a) [G]§ 63.180	§ 63.1439(a) § 63.1439(c) [G]§ 63.181	§ 63.1434(f) § 63.1439(c) § 63.1439(e)(6) § 63.1439(e)(6)(i) § 63.1439(e)(6)(vii)
P1PUFE	EU	63PPP-17	112(B) HAPS	40 CFR Part 63, Subpart PPP	§ 63.1434(a) [G]§ 63.169 [G]§ 63.171	Standards: Agitators in heavy liquid service. §63.169(a)-(d)	§ 63.1434(a) [G]§ 63.162(f) § 63.169(a) [G]§ 63.180	§ 63.1439(a) § 63.1439(c) [G]§ 63.181	§ 63.1434(f) § 63.1439(c) § 63.1439(e)(6) § 63.1439(e)(6)(i) § 63.1439(e)(6)(vii)
P1PUFE	EU	63PPP-17	112(B) HAPS	40 CFR Part 63, Subpart PPP	§ 63.1434(a) [G]§ 63.169 [G]§ 63.171	Standards: Instrumentation systems. §63.169(a)-(d)	§ 63.1434(a) [G]§ 63.162(f) § 63.169(a) [G]§ 63.180	§ 63.1439(a) § 63.1439(c) [G]§ 63.181	§ 63.1434(f) § 63.1439(c) § 63.1439(e)(6) § 63.1439(e)(6)(i) § 63.1439(e)(6)(vii)
P1PUFE	EU	63PPP-17	112(B) HAPS	40 CFR Part 63, Subpart PPP	§ 63.1434(a) [G]§ 63.169 [G]§ 63.171	Standards: Pressure relief devices in liquid service. §63.169(a)-(d)	§ 63.1434(a) [G]§ 63.162(f) § 63.169(a) [G]§ 63.180	§ 63.1439(a) § 63.1439(c) [G]§ 63.181	§ 63.1434(f) § 63.1439(c) § 63.1439(e)(6) § 63.1439(e)(6)(i) § 63.1439(e)(6)(vii)
P1PUFE	EU	63PPP-17	112(B) HAPS	40 CFR Part 63, Subpart PPP	§ 63.1434(a) [G]§ 63.171 § 63.173(a)(2) § 63.173(b)(2) [G]§ 63.173(c) [G]§ 63.173(d)	Standards: Agitators gas/vapor service and in light liquid service. §63.173(a)-(j).	§ 63.1434(a) [G]§ 63.162(f) § 63.173(a)(1) [G]§ 63.173(d) [G]§ 63.180	§ 63.1439(a) § 63.1439(c) [G]§ 63.181	§ 63.1434(f) § 63.1439(c) § 63.1439(e)(6) § 63.1439(e)(6)(i) § 63.1439(e)(6)(vii)
P1PUFE	EU	63PPP-17	112(B) HAPS	40 CFR Part 63, Subpart PPP	§ 63.1434(a) [G]§ 63.171 § 63.174(a)(2) § 63.174(d)	Standards: Connectors in gas/vapor service and in light liquid service. §63.174(a)-(j)	§ 63.1434(a) [G]§ 63.162(f) [G]§ 63.174(b) [G]§ 63.174(c)	§ 63.1439(a) § 63.1439(c) [G]§ 63.181	§ 63.1434(f) § 63.1439(c) § 63.1439(e)(6) § 63.1439(e)(6)(i)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
							[G]§ 63.174(h) [G]§ 63.180		§ 63.1439(e)(6)(vii)
P1PUFE	EU	63PPP-17	112(B) HAPS	40 CFR Part 63, Subpart PPP	§ 63.1434(a) § 63.163(b)(2)(iii)(C) § 63.163(b)(3) [G]§ 63.163(c) [G]§ 63.163(e) § 63.163(f) [G]§ 63.171	Standards: Pumps in light liquid service. §63.163(a)-(j)	§ 63.1434(a) [G]§ 63.162(f) § 63.163(b)(1) § 63.163(b)(3) [G]§ 63.163(e) § 63.163(f) [G]§ 63.180	§ 63.1439(a) § 63.1439(c) [G]§ 63.181	§ 63.1434(f) § 63.1439(c) § 63.1439(e)(6) § 63.1439(e)(6)(i) § 63.1439(e)(6)(vii)
P1PUFE	EU	63PPP-17	112(B) HAPS	40 CFR Part 63, Subpart PPP	§ 63.1434(a) [G]§ 63.167 [G]§ 63.171	Standards: Open-ended valves or lines. §63.167(a)-(e).	§ 63.1434(a) [G]§ 63.162(f) [G]§ 63.180	§ 63.1439(a) § 63.1439(c) [G]§ 63.181	§ 63.1434(f) § 63.1439(c) § 63.1439(e)(6) § 63.1439(e)(6)(i) § 63.1439(e)(6)(vii)
P1PUFE	EU	63PPP-17	112(B) HAPS	40 CFR Part 63, Subpart PPP	§ 63.1434(a) § 63.168(a)(1)(i)(C) § 63.168(b)(2)(iii) § 63.168(f)(1) § 63.168(f)(2) [G]§ 63.168(g) [G]§ 63.171	Standards: Valves in gas/vapor service and in light liquid service. §63.168(a)-(j)	§ 63.1434(a) [G]§ 63.162(f) [G]§ 63.168(d) [G]§ 63.168(f)(3) [G]§ 63.168(i) [G]§ 63.180	§ 63.1439(a) § 63.1439(c) [G]§ 63.181	§ 63.1434(f) § 63.1439(c) § 63.1439(e)(6) § 63.1439(e)(6)(i) § 63.1439(e)(6)(vii)
P2PUFE	EU	R5352-3	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.357(2) § 115.352(9)	Each pressure relief valve equipped with a rupture disk must comply with §115.352(9) and §115.356(3)(C).	None	§ 115.356 § 115.356(3) [G]§ 115.356(3)(C)	None
P2PUFE	EU	R5352-3	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(3) § 115.352(7)	No process drains shall be allowed to have a VOC leak, for more than 15 days after discovery, which exceeds a screening concentration greater	§ 115.354(1) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355 § 115.357(1)	§ 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B)	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition I.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 115.357(1)	than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.		[G]§ 115.356(3)(C) § 115.356(5)	
P2PUFE	EU	R5352-3	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(3) § 115.352(7)	No process drains shall be allowed to have a VOC leak, for more than 15 days after discovery, which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(1) § 115.354(10) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355	§ 115.352(7) § 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) § 115.356(5)	None
P2PUFE	EU	R5352-3	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(3) § 115.352(5) § 115.352(7) § 115.352(8) § 115.357(1) § 115.357(12) § 115.357(8)	No flanges or other connectors shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(1) § 115.354(11) § 115.354(3) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355 § 115.357(1)	§ 115.352(7) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition I.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
P2PUFE	EU	R5352-3	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(10) § 115.352(2) § 115.352(2)(A) § 115.352(3) § 115.352(5) § 115.352(7) § 115.352(8) § 115.357(12) § 115.357(8)	No flanges or other connectors shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(1) § 115.354(10) § 115.354(11) § 115.354(3) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355 § 115.357(1)	§ 115.352(7) § 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	None
P2PUFE	EU	63PPP-18	112(B) HAPS	40 CFR Part 63, Subpart PPP	§ 63.1434(a) § 63.165(b)(1) [G]§ 63.171	Standards: Pressure relief device in gas/vapor service. §63.165(a)-(d)	§ 63.1434(a) [G]§ 63.162(f) § 63.165(b)(2) [G]§ 63.180	§ 63.1439(a) § 63.1439(c) [G]§ 63.181	§ 63.1434(f) § 63.1439(c) § 63.1439(e)(6) § 63.1439(e)(6)(i) § 63.1439(e)(6)(vii)
P2PUFE	EU	63PPP-18	112(B) HAPS	40 CFR Part 63, Subpart PPP	§ 63.1434(a) [G]§ 63.166 [G]§ 63.171	Standards: Sampling connection systems. §63.166(a)-(c)	§ 63.1434(a) [G]§ 63.162(f) [G]§ 63.180	§ 63.1439(a) § 63.1439(c) [G]§ 63.181	§ 63.1434(f) § 63.1439(c) § 63.1439(e)(6) § 63.1439(e)(6)(i) § 63.1439(e)(6)(vii)
P2PUFE	EU	63PPP-18	112(B) HAPS	40 CFR Part 63, Subpart PPP	§ 63.1434(a) [G]§ 63.169 [G]§ 63.171	Standards: Pumps in heavy liquid service. §63.169(a)-(d)	§ 63.1434(a) [G]§ 63.162(f) § 63.169(a) [G]§ 63.180	§ 63.1439(a) § 63.1439(c) [G]§ 63.181	§ 63.1434(f) § 63.1439(c) § 63.1439(e)(6) § 63.1439(e)(6)(i) § 63.1439(e)(6)(vii)
P2PUFE	EU	63PPP-18	112(B) HAPS	40 CFR Part 63, Subpart PPP	§ 63.1434(a) [G]§ 63.169 [G]§ 63.171	Standards: Valves in heavy liquid service. §63.169(a)-(d)	§ 63.1434(a) [G]§ 63.162(f) § 63.169(a) [G]§ 63.180	§ 63.1439(a) § 63.1439(c) [G]§ 63.181	§ 63.1434(f) § 63.1439(c) § 63.1439(e)(6) § 63.1439(e)(6)(i) § 63.1439(e)(6)(vii)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition I.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
P2PUFE	EU	63PPP-18	112(B) HAPS	40 CFR Part 63, Subpart PPP	§ 63.1434(a) [G]§ 63.169 [G]§ 63.171	Standards: Connector in heavy liquid service. §63.169(a)-(d)	§ 63.1434(a) [G]§ 63.162(f) § 63.169(a) [G]§ 63.180	§ 63.1439(a) § 63.1439(c) [G]§ 63.181	§ 63.1434(f) § 63.1439(c) § 63.1439(e)(6) § 63.1439(e)(6)(i) § 63.1439(e)(6)(vii)
P2PUFE	EU	63PPP-18	112(B) HAPS	40 CFR Part 63, Subpart PPP	§ 63.1434(a) [G]§ 63.169 [G]§ 63.171	Standards: Agitators in heavy liquid service. §63.169(a)-(d)	§ 63.1434(a) [G]§ 63.162(f) § 63.169(a) [G]§ 63.180	§ 63.1439(a) § 63.1439(c) [G]§ 63.181	§ 63.1434(f)
P2PUFE	EU	63PPP-18	112(B) HAPS	40 CFR Part 63, Subpart PPP	§ 63.1434(a) [G]§ 63.169 [G]§ 63.171	Standards: Instrumentation systems. §63.169(a)-(d)	§ 63.1434(a) [G]§ 63.162(f) § 63.169(a) [G]§ 63.180	§ 63.1439(a) § 63.1439(c) [G]§ 63.181	§ 63.1434(f) § 63.1439(c) § 63.1439(e)(6) § 63.1439(e)(6)(i) § 63.1439(e)(6)(vii)
P2PUFE	EU	63PPP-18	112(B) HAPS	40 CFR Part 63, Subpart PPP	§ 63.1434(a) [G]§ 63.169 [G]§ 63.171	Standards: Pressure relief devices in liquid service. §63.169(a)-(d)	§ 63.1434(a) [G]§ 63.162(f) § 63.169(a) [G]§ 63.180	§ 63.1439(a) § 63.1439(c) [G]§ 63.181	§ 63.1434(f) § 63.1439(c) § 63.1439(e)(6) § 63.1439(e)(6)(i) § 63.1439(e)(6)(vii)
P2PUFE	EU	63PPP-18	112(B) HAPS	40 CFR Part 63, Subpart PPP	§ 63.1434(a) [G]§ 63.171 § 63.173(a)(2) § 63.173(b)(2) [G]§ 63.173(c) [G]§ 63.173(d)	Standards: Agitators gas/vapor service and in light liquid service. §63.173(a)-(j).	§ 63.1434(a) [G]§ 63.162(f) § 63.173(a)(1) [G]§ 63.173(d) [G]§ 63.180(d)	§ 63.1439(a) § 63.1439(c) [G]§ 63.181	§ 63.1434(f) § 63.1439(c) § 63.1439(e)(6) § 63.1439(e)(6)(i) § 63.1439(e)(6)(vii)
P2PUFE	EU	63PPP-18	112(B) HAPS	40 CFR Part 63, Subpart PPP	§ 63.1434(a) [G]§ 63.171 § 63.174(a)(2) § 63.174(d)	Standards: Connectors in gas/vapor service and in light liquid service. §63.174(a)-(j)	§ 63.1434(a) [G]§ 63.162(f) [G]§ 63.174(b) [G]§ 63.174(c) [G]§ 63.174(h) [G]§ 63.180	§ 63.1439(a) § 63.1439(c) [G]§ 63.181	§ 63.1434(f) § 63.1439(c) § 63.1439(e)(6) § 63.1439(e)(6)(i) § 63.1439(e)(6)(vii)
P2PUFE	EU	63PPP-18	112(B) HAPS	40 CFR Part 63, Subpart PPP	§ 63.1434(a) § 63.163(b)(2)(iii)(C)	Standards: Pumps in light liquid service.	§ 63.1434(a) [G]§ 63.162(f)	§ 63.1439(a) § 63.1439(c)	§ 63.1434(f) § 63.1439(c)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition I.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.163(b)(3) [G]§ 63.163(c) [G]§ 63.163(e) § 63.163(f) [G]§ 63.171	§63.163(a)-(j)	§ 63.163(b)(1) § 63.163(b)(3) [G]§ 63.163(e) § 63.163(f) [G]§ 63.180	[G]§ 63.181	§ 63.1439(e)(6) § 63.1439(e)(6)(i) § 63.1439(e)(6)(vii)
P2PUFE	EU	63PPP-18	112(B) HAPS	40 CFR Part 63, Subpart PPP	§ 63.1434(a) [G]§ 63.167 [G]§ 63.171	Standards: Open-ended valves or lines. §63.167(a)-(e).	§ 63.1434(a) [G]§ 63.162(f) [G]§ 63.180	§ 63.1439(a) § 63.1439(c) [G]§ 63.181	§ 63.1434(f) § 63.1439(c) § 63.1439(e)(6) § 63.1439(e)(6)(i) § 63.1439(e)(6)(vii)
P2PUFE	EU	63PPP-18	112(B) HAPS	40 CFR Part 63, Subpart PPP	§ 63.1434(a) § 63.168(a)(1)(i)(C) § 63.168(b)(2)(iii) § 63.168(f)(1) § 63.168(f)(2) [G]§ 63.168(g) [G]§ 63.171	Standards: Valves in gas/vapor service and in light liquid service. §63.168(a)-(j)	§ 63.1434(a) [G]§ 63.162(f) [G]§ 63.168(d) [G]§ 63.168(f)(3) [G]§ 63.168(i) [G]§ 63.180	§ 63.1439(a) § 63.1439(c) [G]§ 63.181	§ 63.1434(f) § 63.1439(c) § 63.1439(e)(6) § 63.1439(e)(6)(i) § 63.1439(e)(6)(vii)
P3FL1	EU	R1111-1	PM (OPACITY)	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(4)(A)	Visible emissions from a process gas flare shall not be permitted for more than five minutes in any two-hour period, except for upset emissions as provided in §101.11(a).	§ 111.111(a)(4)(A)(i) § 111.111(a)(4)(A)(ii)	§ 111.111(a)(4)(A)(ii)	None
P3FL1	CD	63A-1	112(B) HAPS	40 CFR Part 63, Subpart A	§ 63.11(b)(4) § 63.11(b)(1) § 63.11(b)(2) § 63.11(b)(3) § 63.11(b)(5) § 63.11(b)(6)(ii) § 63.11(b)(7)(i)	Flares shall be designed and operated with no visible emissions, except for periods of a total of 5 minutes or less during any 2 consecutive hrs. Test Method 22 in App. A	§ 63.11(b)(4) § 63.11(b)(5) § 63.11(b)(7)(i)	None	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						of part 60 of this chapter shall be used.			
P3OSFE	EU	63PPP-14	112(B) HAPS	40 CFR Part 63, Subpart PPP	§ 63.1434(a) § 63.165(b)(1) [G]§ 63.171	Standards: Pressure relief device in gas/vapor service. §63.165(a)-(d)	§ 63.1434(a) [G]§ 63.162(f) § 63.165(b)(2) [G]§ 63.180	§ 63.1439(a) § 63.1439(c) [G]§ 63.181	§ 63.1434(f) § 63.1439(c) § 63.1439(e)(6) § 63.1439(e)(6)(i) § 63.1439(e)(6)(vii)
P3OSFE	EU	63PPP-14	112(B) HAPS	40 CFR Part 63, Subpart PPP	§ 63.1434(a) [G]§ 63.166 [G]§ 63.171	Standards: Sampling connection systems. §63.166(a)-(c)	§ 63.1434(a) [G]§ 63.162(f) [G]§ 63.180	§ 63.1439(a) § 63.1439(c) [G]§ 63.181	§ 63.1434(f) § 63.1439(c) § 63.1439(e) § 63.1439(e)(6) § 63.1439(e)(6)(i) § 63.1439(e)(6)(vii)
P3OSFE	EU	63PPP-14	112(B) HAPS	40 CFR Part 63, Subpart PPP	§ 63.1434(a) [G]§ 63.169 [G]§ 63.171	Standards: Pumps in heavy liquid service. §63.169(a)-(d)	§ 63.1434(a) [G]§ 63.162(f) § 63.169(a) [G]§ 63.180	§ 63.1439(a) § 63.1439(c) [G]§ 63.181	§ 63.1434(f) § 63.1439(c) § 63.1439(e)(6) § 63.1439(e)(6)(i) § 63.1439(e)(6)(vii)
P3OSFE	EU	63PPP-14	112(B) HAPS	40 CFR Part 63, Subpart PPP	§ 63.1434(a) [G]§ 63.169 [G]§ 63.171	Standards: Valves in heavy liquid service. §63.169(a)-(d)	§ 63.1434(a) [G]§ 63.162(f) § 63.169(a) [G]§ 63.180	§ 63.1439(a) § 63.1439(c) [G]§ 63.181	§ 63.1434(f) § 63.1439(c) § 63.1439(e)(6) § 63.1439(e)(6)(i) § 63.1439(e)(6)(vii)
P3OSFE	EU	63PPP-14	112(B) HAPS	40 CFR Part 63, Subpart PPP	§ 63.1434(a) [G]§ 63.169 [G]§ 63.171	Standards: Connector in heavy liquid service. §63.169(a)-(d)	§ 63.1434(a) [G]§ 63.162(f) § 63.169(a) [G]§ 63.180	§ 63.1439(a) § 63.1439(c) [G]§ 63.181	§ 63.1434(f) § 63.1439(c) § 63.1439(e)(6) § 63.1439(e)(6)(i) § 63.1439(e)(6)(vii)
P3OSFE	EU	63PPP-14	112(B) HAPS	40 CFR Part 63, Subpart PPP	§ 63.1434(a) [G]§ 63.169 [G]§ 63.171	Standards: Agitators in heavy liquid service. §63.169(a)-(d)	§ 63.1434(a) [G]§ 63.162(f) § 63.169(a) [G]§ 63.180	§ 63.1439(a) § 63.1439(c) [G]§ 63.181	§ 63.1434(f) § 63.1439(c) § 63.1439(e)(6) § 63.1439(e)(6)(i) § 63.1439(e)(6)(vii)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition I.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
P3OSFE	EU	63PPP-14	112(B) HAPS	40 CFR Part 63, Subpart PPP	§ 63.1434(a) [G]§ 63.169 [G]§ 63.171	Standards: Instrumentation systems. §63.169(a)-(d)	§ 63.1434(a) [G]§ 63.162(f) § 63.169(a) [G]§ 63.180	§ 63.1439(a) § 63.1439(c) [G]§ 63.181	§ 63.1434(f) § 63.1439(c) § 63.1439(e)(6) § 63.1439(e)(6)(i) § 63.1439(e)(6)(vii)
P3OSFE	EU	63PPP-14	112(B) HAPS	40 CFR Part 63, Subpart PPP	§ 63.1434(a) [G]§ 63.169 [G]§ 63.171	Standards: Pressure relief devices in liquid service. §63.169(a)-(d)	§ 63.1434(a) [G]§ 63.162(f) § 63.169(a) [G]§ 63.180	§ 63.1439(a) § 63.1439(c) [G]§ 63.181	§ 63.1434(f) § 63.1439(c) § 63.1439(e)(6) § 63.1439(e)(6)(i) § 63.1439(e)(6)(vii)
P3OSFE	EU	63PPP-14	112(B) HAPS	40 CFR Part 63, Subpart PPP	§ 63.1434(a) [G]§ 63.171 § 63.174(a)(2) § 63.174(d)	Standards: Connectors in gas/vapor service and in light liquid service. §63.174(a)-(j)	§ 63.1434(a) [G]§ 63.162(f) § 63.174(b) § 63.174(c) § 63.174(h) [G]§ 63.180	§ 63.1439(a) § 63.1439(c) [G]§ 63.181	§ 63.1434(f) § 63.1439(c) § 63.1439(e)(6) § 63.1439(e)(6)(i) § 63.1439(e)(6)(vii)
P3OSFE	EU	63PPP-14	112(B) HAPS	40 CFR Part 63, Subpart PPP	§ 63.1434(a) § 63.163(b)(2)(iii)(C) § 63.163(b)(3) [G]§ 63.163(c) [G]§ 63.163(e) § 63.163(f) [G]§ 63.171	Standards: Pumps in light liquid service. §63.163(a)-(j)	§ 63.163(b)(1) § 63.163(b)(3) [G]§ 63.163(e) § 63.163(f)	§ 63.1439(a) § 63.1439(c) § 63.181(h)(8) [G]§ 63.181	§ 63.1434(f) § 63.1439(c) § 63.1439(e)(6) § 63.1439(e)(6)(i) § 63.1439(e)(6)(vii)
P3OSFE	EU	63PPP-14	112(B) HAPS	40 CFR Part 63, Subpart PPP	§ 63.1434(a) [G]§ 63.167 [G]§ 63.171	Standards: Open-ended valves or lines. §63.167(a)-(e).	§ 63.1434(a) [G]§ 63.162(f) [G]§ 63.180	§ 63.1439(a) § 63.1439(c) [G]§ 63.181	§ 63.1434(f) § 63.1439(c) § 63.1439(e)(6) § 63.1439(e)(6)(i) § 63.1439(e)(6)(vii)
P3OSFE	EU	63PPP-14	112(B) HAPS	40 CFR Part 63, Subpart PPP	§ 63.1434(a) § 63.168(a)(1)(i)(C) § 63.168(b)(2)(iii) § 63.168(f)(1) § 63.168(f)(2) [G]§ 63.168(g)	Standards: Valves in gas/vapor service and in light liquid service. §63.168(a)-(j)	§ 63.1434(a) [G]§ 63.162(f) [G]§ 63.168(d) [G]§ 63.168(f)(3) [G]§ 63.168(i) [G]§ 63.180	§ 63.1439(a) § 63.1439(c) [G]§ 63.181	§ 63.1434(f) § 63.1439(c) § 63.1439(e)(6) § 63.1439(e)(6)(i) § 63.1439(e)(6)(vii)



### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition I.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					[G]§ 63.171				
P3PUFE	EU	63PPP-19	112(B) HAPS	40 CFR Part 63, Subpart PPP	§ 63.1434(a) § 63.165(b)(1) [G]§ 63.171	Standards: Pressure relief device in gas/vapor service. §63.165(a)-(d)	§ 63.1434(a) [G]§ 63.162(f) § 63.165(b)(2) [G]§ 63.180	§ 63.1439(a) § 63.1439(c) [G]§ 63.181	§ 63.1434(f) § 63.1439(c) § 63.1439(e)(6) § 63.1439(e)(6)(i) § 63.1439(e)(6)(vii)
P3PUFE	EU	63PPP-19	112(B) HAPS	40 CFR Part 63, Subpart PPP	§ 63.1434(a) [G]§ 63.166 [G]§ 63.171	Standards: Sampling connection systems. §63.166(a)-(c)	§ 63.1434(a) [G]§ 63.162(f) [G]§ 63.180	§ 63.1439(a) § 63.1439(c) [G]§ 63.181	§ 63.1434(f) § 63.1439(c) § 63.1439(e)(6) § 63.1439(e)(6)(i) § 63.1439(e)(6)(vii)
P3PUFE	EU	63PPP-19	112(B) HAPS	40 CFR Part 63, Subpart PPP	§ 63.1434(a) [G]§ 63.169 [G]§ 63.171	Standards: Pumps in heavy liquid service. §63.169(a)-(d)	§ 63.1434(a) [G]§ 63.162(f) § 63.169(a) [G]§ 63.180	§ 63.1439(a) § 63.1439(c) [G]§ 63.181	§ 63.1434(f) § 63.1439(c) § 63.1439(e)(6) § 63.1439(e)(6)(i) § 63.1439(e)(6)(vii)
P3PUFE	EU	63PPP-19	112(B) HAPS	40 CFR Part 63, Subpart PPP	§ 63.1434(a) [G]§ 63.169 [G]§ 63.171	Standards: Valves in heavy liquid service. §63.169(a)-(d)	§ 63.1434(a) [G]§ 63.162(f) § 63.169(a) [G]§ 63.180	§ 63.1439(a) § 63.1439(c) [G]§ 63.181	§ 63.1434(f) § 63.1439(c) § 63.1439(e)(6) § 63.1439(e)(6)(i) § 63.1439(e)(6)(vii)
P3PUFE	EU	63PPP-19	112(B) HAPS	40 CFR Part 63, Subpart PPP	§ 63.1434(a) [G]§ 63.169 [G]§ 63.171	Standards: Connector in heavy liquid service. §63.169(a)-(d)	§ 63.1434(a) [G]§ 63.162(f) § 63.169(a) [G]§ 63.180	§ 63.1439(a) § 63.1439(c) [G]§ 63.181	§ 63.1434(f) § 63.1439(c) § 63.1439(e)(6) § 63.1439(e)(6)(i) § 63.1439(e)(6)(vii)
P3PUFE	EU	63PPP-19	112(B) HAPS	40 CFR Part 63, Subpart PPP	§ 63.1434(a) [G]§ 63.169 [G]§ 63.171	Standards: Agitators in heavy liquid service. §63.169(a)-(d)	§ 63.1434(a) [G]§ 63.162(f) § 63.169(a) [G]§ 63.180	§ 63.1439(a) § 63.1439(c) [G]§ 63.181	§ 63.1434(f) § 63.1439(c) § 63.1439(e)(6) § 63.1439(e)(6)(i) § 63.1439(e)(6)(vii)
P3PUFE	EU	63PPP-19	112(B)	40 CFR Part 63,	§ 63.1434(a)	Standards:	§ 63.1434(a)	§ 63.1439(a)	§ 63.1434(f)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
			HAPS	Subpart PPP	[G]§ 63.169 [G]§ 63.171	Instrumentation systems. §63.169(a)-(d)	[G]§ 63.162(f) § 63.169(a) [G]§ 63.180	§ 63.1439(c) [G]§ 63.181	§ 63.1439(c) § 63.1439(e)(6) § 63.1439(e)(6)(i) § 63.1439(e)(6)(vii)
P3PUFE	EU	63PPP-19	112(B) HAPS	40 CFR Part 63, Subpart PPP	§ 63.1434(a) [G]§ 63.169 [G]§ 63.171	Standards: Pressure relief devices in liquid service. §63.169(a)-(d)	§ 63.1434(a) [G]§ 63.162(f) § 63.169(a) [G]§ 63.180	§ 63.1439(a) § 63.1439(c) [G]§ 63.181	§ 63.1434(f) § 63.1439(c) § 63.1439(e)(6) § 63.1439(e)(6)(i) § 63.1439(e)(6)(vii)
P3PUFE	EU	63PPP-19	112(B) HAPS	40 CFR Part 63, Subpart PPP	§ 63.1434(a) [G]§ 63.171 § 63.173(a)(2) § 63.173(b)(2) [G]§ 63.173(c) [G]§ 63.173(d)	Standards: Agitators gas/vapor service and in light liquid service. §63.173(a)-(j).	§ 63.1434(a) [G]§ 63.162(f) § 63.173(a)(1) [G]§ 63.173(d) [G]§ 63.180	§ 63.1439(a) § 63.1439(c) [G]§ 63.181	§ 63.1434(f) § 63.1439(c) § 63.1439(e)(6) § 63.1439(e)(6)(i) § 63.1439(e)(6)(vii)
P3PUFE	EU	63PPP-19	112(B) HAPS	40 CFR Part 63, Subpart PPP	§ 63.1434(a) [G]§ 63.171 § 63.174(a)(2) § 63.174(d)	Standards: Connectors in gas/vapor service and in light liquid service. §63.174(a)-(j)	§ 63.1434(a) [G]§ 63.162(f) [G]§ 63.174(b) [G]§ 63.174(c) [G]§ 63.174(h) [G]§ 63.180	§ 63.1439(a) § 63.1439(c) [G]§ 63.181	§ 63.1434(f)
P3PUFE	EU	63PPP-19	112(B) HAPS	40 CFR Part 63, Subpart PPP	§ 63.1434(a) § 63.163(b)(2)(iii)(C) § 63.163(b)(3) [G]§ 63.163(c) [G]§ 63.163(e) § 63.163(f) [G]§ 63.171	Standards: Pumps in light liquid service. §63.163(a)-(j)	§ 63.1434(a) [G]§ 63.162(f) § 63.163(b)(1) § 63.163(b)(3) [G]§ 63.163(e) § 63.163(f) [G]§ 63.180	§ 63.1439(a) § 63.1439(c) [G]§ 63.181	§ 63.1434(f) § 63.1439(c) § 63.1439(e)(6) § 63.1439(e)(6)(i) § 63.1439(e)(6)(vii)
P3PUFE	EU	63PPP-19	112(B) HAPS	40 CFR Part 63, Subpart PPP	§ 63.1434(a) [G]§ 63.167 [G]§ 63.171	Standards: Open-ended valves or lines. §63.167(a)-(e).	§ 63.1434(a) [G]§ 63.162(f) [G]§ 63.180	§ 63.1439(a) § 63.1439(c) [G]§ 63.181	§ 63.1434(f) § 63.1439(c) § 63.1439(e)(6) § 63.1439(e)(6)(i) § 63.1439(e)(6)(vii)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition I.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
P3PUFE	EU	63PPP-19	112(B) HAPS	40 CFR Part 63, Subpart PPP	§ 63.1434(a) § 63.168(a)(1)(i)(C) § 63.168(b)(2)(iii) § 63.168(f)(1) § 63.168(f)(2) [G]§ 63.168(g) [G]§ 63.171	Standards: Valves in gas/vapor service and in light liquid service. §63.168(a)-(j)	§ 63.1434(a) [G]§ 63.162(f) [G]§ 63.168(d) [G]§ 63.168(f)(3) [G]§ 63.168(i) [G]§ 63.180	§ 63.1439(a) § 63.1439(c) [G]§ 63.181	§ 63.1434(f) § 63.1439(c) § 63.1439(e)(6) § 63.1439(e)(6)(i) § 63.1439(e)(6)(vii)
P4FL1	EU	R1111-1	PM (OPACITY)	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(4)(A)	Visible emissions from a process gas flare shall not be permitted for more than five minutes in any two-hour period, except for upset emissions as provided in §101.11(a).	§ 111.111(a)(4)(A)(i) § 111.111(a)(4)(A)(ii)	§ 111.111(a)(4)(A)(ii)	None
P4FL1	CD	63A-1	112(B) HAPS	40 CFR Part 63, Subpart A	§ 63.11(b)(4) § 63.11(b)(1) § 63.11(b)(2) § 63.11(b)(3) § 63.11(b)(5) § 63.11(b)(6)(ii) § 63.11(b)(7)(i)	Flares shall be designed and operated with no visible emissions, except for periods of a total of 5 minutes or less during any 2 consecutive hrs. Test Method 22 in App. A of part 60 of this chapter shall be used.	§ 63.11(b)(4) § 63.11(b)(5) § 63.11(b)(7)(i)	None	None
P4OSFE	EU	63PPP-15	112(B) HAPS	40 CFR Part 63, Subpart PPP	§ 63.1434(a) § 63.165(b)(1) [G]§ 63.171	Standards: Pressure relief device in gas/vapor service. §63.165(a)-(d)	§ 63.1434(a) [G]§ 63.162(f)( § 63.165(b)(2) [G]§ 63.180	§ 63.1439(a) § 63.1439(c) [G]§ 63.181	§ 63.1434(f) § 63.1439(c) § 63.1439(e)(6) § 63.1439(e)(6)(i) § 63.1439(e)(6)(vii)
P4OSFE	EU	63PPP-15	112(B) HAPS	40 CFR Part 63, Subpart PPP	§ 63.1434(a) [G]§ 63.166 [G]§ 63.171	Standards: Sampling connection systems. §63.166(a)-(c)	§ 63.1434(a) [G]§ 63.162(f) [G]§ 63.180	§ 63.1439(a) § 63.1439(c) [G]§ 63.181	§ 63.1434(f) § 63.1439(c) § 63.1439(e)(6)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition I.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
									§ 63.1439(e)(6)(i) § 63.1439(e)(6)(vii)
P4OSFE	EU	63PPP-15	112(B) HAPS	40 CFR Part 63, Subpart PPP	§ 63.1434(a) [G]§ 63.169 [G]§ 63.171	Standards: Pumps in heavy liquid service. §63.169(a)-(d)	§ 63.1434(a) [G]§ 63.162(f) § 63.169(a) [G]§ 63.180	§ 63.1439(a) § 63.1439(c) [G]§ 63.181	§ 63.1434(f) § 63.1439(c) § 63.1439(e)(6) § 63.1439(e)(6)(i) § 63.1439(e)(6)(vii)
P4OSFE	EU	63PPP-15	112(B) HAPS	40 CFR Part 63, Subpart PPP	§ 63.1434(a) [G]§ 63.169 [G]§ 63.171	Standards: Valves in heavy liquid service. §63.169(a)-(d)	§ 63.1434(a) [G]§ 63.162(f) § 63.169(a) [G]§ 63.180	§ 63.1439(a) § 63.1439(c) [G]§ 63.181	§ 63.1434(f) § 63.1439(c) § 63.1439(e)(6) § 63.1439(e)(6)(i) § 63.1439(e)(6)(vii)
P4OSFE	EU	63PPP-15	112(B) HAPS	40 CFR Part 63, Subpart PPP	§ 63.1434(a) [G]§ 63.169 [G]§ 63.171	Standards: Connector in heavy liquid service. §63.169(a)-(d)	§ 63.1434(a) [G]§ 63.162(f) § 63.169(a) [G]§ 63.180	§ 63.1439(a) § 63.1439(c) [G]§ 63.181	§ 63.1434(f) § 63.1439(c) § 63.1439(e)(6) § 63.1439(e)(6)(i) § 63.1439(e)(6)(vii)
P4OSFE	EU	63PPP-15	112(B) HAPS	40 CFR Part 63, Subpart PPP	§ 63.1434(a) [G]§ 63.169 [G]§ 63.171	Standards: Agitators in heavy liquid service. §63.169(a)-(d)	§ 63.1434(a) [G]§ 63.162(f) § 63.169(a) [G]§ 63.180	§ 63.1439(a) § 63.1439(c) [G]§ 63.181	§ 63.1434(f) § 63.1439(c) § 63.1439(e)(6) § 63.1439(e)(6)(i) § 63.1439(e)(6)(vii)
P4OSFE	EU	63PPP-15	112(B) HAPS	40 CFR Part 63, Subpart PPP	§ 63.1434(a) [G]§ 63.169 [G]§ 63.171	Standards: Instrumentation systems. §63.169(a)-(d)	§ 63.1434(a) [G]§ 63.162(f) § 63.169(a) [G]§ 63.180	§ 63.1439(a) § 63.1439(c) [G]§ 63.181	§ 63.1434(f) § 63.1439(c) § 63.1439(e)(6) § 63.1439(e)(6)(i) § 63.1439(e)(6)(vii)
P4OSFE	EU	63PPP-15	112(B) HAPS	40 CFR Part 63, Subpart PPP	§ 63.1434(a) [G]§ 63.169 [G]§ 63.171	Standards: Pressure relief devices in liquid service. §63.169(a)-(d)	§ 63.1434(a) [G]§ 63.162(f) § 63.169(a) [G]§ 63.180	§ 63.1439(a) § 63.1439(c) [G]§ 63.181	§ 63.1434(f) § 63.1439(c) § 63.1439(e)(6) § 63.1439(e)(6)(i) § 63.1439(e)(6)(vii)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition I.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
P4OSFE	EU	63PPP-15	112(B) HAPS	40 CFR Part 63, Subpart PPP	§ 63.1434(a) [G]§ 63.171 § 63.174(a)(2) § 63.174(d)	Standards: Connectors in gas/vapor service and in light liquid service. §63.174(a)-(j)	§ 63.1434(a) [G]§ 63.162(f) [G]§ 63.174(b) [G]§ 63.174(c) [G]§ 63.174(h) [G]§ 63.180	§ 63.1439(a) § 63.1439(c) [G]§ 63.181	§ 63.1434(f) § 63.1439(c) § 63.1439(e)(6) § 63.1439(e)(6)(i) § 63.1439(e)(6)(vii)
P4OSFE	EU	63PPP-15	112(B) HAPS	40 CFR Part 63, Subpart PPP	§ 63.1434(a) § 63.163(b)(2)(iii)(C) § 63.163(b)(3) [G]§ 63.163(c) [G]§ 63.163(e) § 63.163(f) [G]§ 63.171	Standards: Pumps in light liquid service. §63.163(a)-(j)	§ 63.1434(a) [G]§ 63.162(f) § 63.163(b)(1) § 63.163(b)(3) [G]§ 63.163(e) § 63.163(f) [G]§ 63.180	§ 63.1439(a) § 63.1439(c) [G]§ 63.181	§ 63.1434(f) § 63.1439(c) § 63.1439(e)(6) § 63.1439(e)(6)(i) § 63.1439(e)(6)(vii)
P4OSFE	EU	63PPP-15	112(B) HAPS	40 CFR Part 63, Subpart PPP	§ 63.1434(a) [G]§ 63.167 [G]§ 63.171	Standards: Open-ended valves or lines. §63.167(a)-(e).	§ 63.1434(a) [G]§ 63.162(f) [G]§ 63.180	§ 63.1439(a) § 63.1439(c) [G]§ 63.181	§ 63.1434(f) § 63.1439(c) § 63.1439(e)(6) § 63.1439(e)(6)(i) § 63.1439(e)(6)(vii)
P4OSFE	EU	63PPP-15	112(B) HAPS	40 CFR Part 63, Subpart PPP	§ 63.1434(a) § 63.168(a)(1)(i)(C) § 63.168(b)(2)(iii) § 63.168(f)(1) § 63.168(f)(2) [G]§ 63.168(g) [G]§ 63.171	Standards: Valves in gas/vapor service and in light liquid service. §63.168(a)-(j)	§ 63.1434(a) [G]§ 63.162(f) [G]§ 63.168(d) [G]§ 63.168(f)(3) [G]§ 63.168(i) [G]§ 63.180	§ 63.1439(a) § 63.1439(c) [G]§ 63.181	§ 63.1434(f) § 63.1439(c) § 63.1439(e)(6) § 63.1439(e)(6)(i) § 63.1439(e)(6)(vii)
P4PUFE	EU	63PPP-20	112(B) HAPS	40 CFR Part 63, Subpart PPP	§ 63.1434(a) § 63.165(b)(1) [G]§ 63.171	Standards: Pressure relief device in gas/vapor service. §63.165(a)-(d)	§ 63.1434(a) [G]§ 63.162(f) § 63.165(b)(2) [G]§ 63.180	§ 63.1439(a) § 63.1439(c) [G]§ 63.181	§ 63.1434(f) § 63.1439(c) § 63.1439(e)(6) § 63.1439(e)(6)(i) § 63.1439(e)(6)(vii)
P4PUFE	EU	63PPP-20	112(B) HAPS	40 CFR Part 63, Subpart PPP	§ 63.1434(a) [G]§ 63.166 [G]§ 63.171	Standards: Sampling connection systems. §63.166(a)-(c)	§ 63.1434(a) [G]§ 63.162(f) [G]§ 63.180	§ 63.1439(a) § 63.1439(c) [G]§ 63.181	§ 63.1434(f) § 63.1439(c) § 63.1439(e)(6) § 63.1439(e)(6)(i)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition I.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
									§ 63.1439(e)(6)(vii)
P4PUFE	EU	63PPP-20	112(B) HAPS	40 CFR Part 63, Subpart PPP	§ 63.1434(a) [G]§ 63.169 [G]§ 63.171	Standards: Pumps in heavy liquid service. §63.169(a)-(d)	§ 63.1434(a) [G]§ 63.162(f) § 63.169(a) [G]§ 63.180	§ 63.1439(a) § 63.1439(c) [G]§ 63.181	§ 63.1434(f) § 63.1439(c) § 63.1439(e)(6) § 63.1439(e)(6)(i) § 63.1439(e)(6)(vii)
P4PUFE	EU	63PPP-20	112(B) HAPS	40 CFR Part 63, Subpart PPP	§ 63.1434(a) [G]§ 63.169 [G]§ 63.171	Standards: Valves in heavy liquid service. §63.169(a)-(d)	§ 63.1434(a) [G]§ 63.162(f) § 63.169(a) [G]§ 63.180	§ 63.1439(a) § 63.1439(c) [G]§ 63.181	§ 63.1434(f) § 63.1439(c) § 63.1439(e)(6) § 63.1439(e)(6)(i) § 63.1439(e)(6)(vii)
P4PUFE	EU	63PPP-20	112(B) HAPS	40 CFR Part 63, Subpart PPP	§ 63.1434(a) [G]§ 63.169 [G]§ 63.171	Standards: Connector in heavy liquid service. §63.169(a)-(d)	§ 63.1434(a) [G]§ 63.162(f) § 63.169(a) [G]§ 63.180	§ 63.1439(a) § 63.1439(c) [G]§ 63.181	§ 63.1434(f) § 63.1439(c) § 63.1439(e)(6) § 63.1439(e)(6)(i) § 63.1439(e)(6)(vii)
P4PUFE	EU	63PPP-20	112(B) HAPS	40 CFR Part 63, Subpart PPP	§ 63.1434(a) [G]§ 63.169 [G]§ 63.171	Standards: Agitators in heavy liquid service. §63.169(a)-(d)	§ 63.1434(a) [G]§ 63.162(f) § 63.169(a) [G]§ 63.180	§ 63.1439(a) § 63.1439(c) [G]§ 63.181	§ 63.1434(f) § 63.1439(c) § 63.1439(e)(6) § 63.1439(e)(6)(i) § 63.1439(e)(6)(vii)
P4PUFE	EU	63PPP-20	112(B) HAPS	40 CFR Part 63, Subpart PPP	§ 63.1434(a) [G]§ 63.169 [G]§ 63.171	Standards: Instrumentation systems. §63.169(a)-(d)	§ 63.1434(a) [G]§ 63.162(f) § 63.169(a) [G]§ 63.180	§ 63.1439(a) § 63.1439(c) [G]§ 63.181	§ 63.1434(f) § 63.1439(c) § 63.1439(e)(6) § 63.1439(e)(6)(i) § 63.1439(e)(6)(vii)
P4PUFE	EU	63PPP-20	112(B) HAPS	40 CFR Part 63, Subpart PPP	§ 63.1434(a) [G]§ 63.169 [G]§ 63.171	Standards: Pressure relief devices in liquid service. §63.169(a)-(d)	§ 63.1434(a) [G]§ 63.162(f) § 63.169(a) [G]§ 63.180	§ 63.1439(a) § 63.1439(c) [G]§ 63.181	§ 63.1434(f) § 63.1439(c) § 63.1439(e)(6) § 63.1439(e)(6)(i) § 63.1439(e)(6)(vii)
P4PUFE	EU	63PPP-20	112(B)	40 CFR Part 63,	§ 63.1434(a)	Standards: Agitators	§ 63.1434(a)	§ 63.1439(a)	§ 63.1434(f)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
			HAPS	Subpart PPP	[G]§ 63.171 § 63.173(a)(2) § 63.173(b)(2) [G]§ 63.173(c) [G]§ 63.173(d)	gas/vapor service and in light liquid service. §63.173(a)-(j).	[G]§ 63.162(f) § 63.173(a)(1) [G]§ 63.173(d) [G]§ 63.180	§ 63.1439(c) [G]§ 63.181	§ 63.1439(c) § 63.1439(e)(6) § 63.1439(e)(6)(i) § 63.1439(e)(6)(vii)
P4PUFE	EU	63PPP-20	112(B) HAPS	40 CFR Part 63, Subpart PPP	§ 63.1434(a) [G]§ 63.171 § 63.174(a)(2) § 63.174(d)	Standards: Connectors in gas/vapor service and in light liquid service. §63.174(a)-(j)	§ 63.1434(a) [G]§ 63.162(f) [G]§ 63.174(b) [G]§ 63.174(c) [G]§ 63.174(h) [G]§ 63.180	§ 63.1439(a) § 63.1439(c) [G]§ 63.181	§ 63.1434(f) § 63.1439(c) § 63.1439(e)(6) § 63.1439(e)(6)(i) § 63.1439(e)(6)(vii)
P4PUFE	EU	63PPP-20	112(B) HAPS	40 CFR Part 63, Subpart PPP	§ 63.1434(a) § 63.163(b)(2)(iii)(C) § 63.163(b)(3) [G]§ 63.163(c) [G]§ 63.163(e) § 63.163(f) [G]§ 63.171	Standards: Pumps in light liquid service. §63.163(a)-(j)	§ 63.1434(a) [G]§ 63.162(f) § 63.163(b)(1) § 63.163(b)(3) [G]§ 63.163(e) § 63.163(f) [G]§ 63.180	§ 63.1439(a) § 63.1439(c) [G]§ 63.181	§ 63.1434(f) § 63.1439(c) § 63.1439(e)(6) § 63.1439(e)(6)(i) § 63.1439(e)(6)(vii)
P4PUFE	EU	63PPP-20	112(B) HAPS	40 CFR Part 63, Subpart PPP	§ 63.1434(a) [G]§ 63.167 [G]§ 63.171	Standards: Open-ended valves or lines. §63.167(a)-(e).	§ 63.1434(a) [G]§ 63.162(f) [G]§ 63.180	§ 63.1439(a) § 63.1439(c) [G]§ 63.181	§ 63.1434(f) § 63.1439(c) § 63.1439(e)(6) § 63.1439(e)(6)(i) § 63.1439(e)(6)(vii)
P4PUFE	EU	63PPP-20	112(B) HAPS	40 CFR Part 63, Subpart PPP	§ 63.1434(a) § 63.168(a)(1)(i)(C) § 63.168(b)(2)(iii) § 63.168(f)(1) § 63.168(f)(2) [G]§ 63.168(g) [G]§ 63.171	Standards: Valves in gas/vapor service and in light liquid service. §63.168(a)-(j)	§ 63.1434(a) [G]§ 63.162(f) [G]§ 63.168(d) [G]§ 63.168(f)(3) [G]§ 63.168(i) [G]§ 63.180	§ 63.1439(a) § 63.1439(c) [G]§ 63.181	§ 63.1434(f) § 63.1439(c) § 63.1439(e)(6) § 63.1439(e)(6)(i) § 63.1439(e)(6)(vii)
P5FL1	EU	R1111-1	PM (OPACITY)	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(4)(A)	Visible emissions from a process gas flare shall not be permitted for more	§ 111.111(a)(4)(A)(i) § 111.111(a)(4)(A)(ii)	§ 111.111(a)(4)(A)(ii)	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition I.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						than five minutes in any two-hour period, except for upset emissions as provided in §101.11(a).			
P5FL1	CD	63A-1	112(B) HAPS	40 CFR Part 63, Subpart A	§ 63.11(b)(4) § 63.11(b)(1) § 63.11(b)(2) § 63.11(b)(3) § 63.11(b)(5) § 63.11(b)(6)(ii) § 63.11(b)(7)(i)	Flares shall be designed and operated with no visible emissions, except for periods of a total of 5 minutes or less during any 2 consecutive hrs. Test Method 22 in App. A of part 60 of this chapter shall be used.	§ 63.11(b)(4) § 63.11(b)(5) § 63.11(b)(7)(i)	None	None
P5OSFE	EU	63PPP-16	112(B) HAPS	40 CFR Part 63, Subpart PPP	§ 63.1434(a) § 63.165(b)(1) [G]§ 63.171	Standards: Pressure relief device in gas/vapor service. §63.165(a)-(d)	§ 63.1434(a) [G]§ 63.162(f) § 63.165(b)(2) [G]§ 63.180	§ 63.1439(a) § 63.1439(c) [G]§ 63.181	§ 63.1434(f) § 63.1439(c) § 63.1439(e)(6) § 63.1439(e)(6)(i) § 63.1439(e)(6)(vii)
P5OSFE	EU	63PPP-16	112(B) HAPS	40 CFR Part 63, Subpart PPP	§ 63.1434(a) [G]§ 63.166 [G]§ 63.171	Standards: Sampling connection systems. §63.166(a)-(c)	§ 63.1434(a) [G]§ 63.162(f) [G]§ 63.180	§ 63.1439(a) § 63.1439(c) [G]§ 63.181	§ 63.1434(f) § 63.1439(c) § 63.1439(e)(6) § 63.1439(e)(6)(i) § 63.1439(e)(6)(vii)
P5OSFE	EU	63PPP-16	112(B) HAPS	40 CFR Part 63, Subpart PPP	§ 63.1434(a) [G]§ 63.169 [G]§ 63.171	Standards: Pumps in heavy liquid service. §63.169(a)-(d)	§ 63.1434(a) [G]§ 63.162(f) § 63.169(a) [G]§ 63.180	§ 63.1439(a) § 63.1439(c) [G]§ 63.181	§ 63.1434(f) § 63.1439(c) § 63.1439(e)(6) § 63.1439(e)(6)(i) § 63.1439(e)(6)(vii)
P5OSFE	EU	63PPP-16	112(B) HAPS	40 CFR Part 63, Subpart PPP	§ 63.1434(a) [G]§ 63.169 [G]§ 63.171	Standards: Valves in heavy liquid service. §63.169(a)-(d)	§ 63.1434(a) [G]§ 63.162(f) § 63.169(a)	§ 63.1439(a) § 63.1439(c) [G]§ 63.181	§ 63.1434(f) § 63.1439(c) § 63.1439(e)(6)



### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition I.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
							[G]§ 63.180		§ 63.1439(e)(6)(i) § 63.1439(e)(6)(vii)
P5OSFE	EU	63PPP-16	112(B) HAPS	40 CFR Part 63, Subpart PPP	§ 63.1434(a) [G]§ 63.169 [G]§ 63.171	Standards: Connector in heavy liquid service. §63.169(a)-(d)	§ 63.1434(a) [G]§ 63.162(f) § 63.169(a) [G]§ 63.180	§ 63.1439(a) § 63.1439(c) [G]§ 63.181	§ 63.1434(f) § 63.1439(c) § 63.1439(e)(6) § 63.1439(e)(6)(i) § 63.1439(e)(6)(vii)
P5OSFE	EU	63PPP-16	112(B) HAPS	40 CFR Part 63, Subpart PPP	§ 63.1434(a) [G]§ 63.169 [G]§ 63.171	Standards: Agitators in heavy liquid service. §63.169(a)-(d)	§ 63.1434(a) [G]§ 63.162(f) § 63.169(a) [G]§ 63.180	§ 63.1439(a) § 63.1439(c) [G]§ 63.181	§ 63.1434(f) § 63.1439(c) § 63.1439(e)(6) § 63.1439(e)(6)(i) § 63.1439(e)(6)(vii)
P5OSFE	EU	63PPP-16	112(B) HAPS	40 CFR Part 63, Subpart PPP	§ 63.1434(a) [G]§ 63.169 [G]§ 63.171	Standards: Instrumentation systems. §63.169(a)-(d)	§ 63.1434(a) [G]§ 63.162(f) § 63.169(a) [G]§ 63.180	§ 63.1439(a) § 63.1439(c) [G]§ 63.181	§ 63.1434(f) § 63.1439(c) § 63.1439(e)(6) § 63.1439(e)(6)(i) § 63.1439(e)(6)(vii)
P5OSFE	EU	63PPP-16	112(B) HAPS	40 CFR Part 63, Subpart PPP	§ 63.1434(a) [G]§ 63.169 [G]§ 63.171	Standards: Pressure relief devices in liquid service. §63.169(a)-(d)	§ 63.1434(a) [G]§ 63.162(f) § 63.169(a) [G]§ 63.180	§ 63.1439(a) § 63.1439(c) [G]§ 63.181	§ 63.1434(f) § 63.1439(c) § 63.1439(e)(6) § 63.1439(e)(6)(i) § 63.1439(e)(6)(vii)
P5OSFE	EU	63PPP-16	112(B) HAPS	40 CFR Part 63, Subpart PPP	§ 63.1434(a) [G]§ 63.171 § 63.174(a)(2) § 63.174(d)(2)	Standards: Connectors in gas/vapor service and in light liquid service. §63.174(a)-(j)	§ 63.1434(a) [G]§ 63.162(f) [G]§ 63.174(b) [G]§ 63.174(c) [G]§ 63.174(h) [G]§ 63.180	§ 63.1439(a) § 63.1439(c) [G]§ 63.181	§ 63.1434(f) § 63.1439(c) § 63.1439(e)(6) § 63.1439(e)(6)(i) § 63.1439(e)(6)(vii)
P5OSFE	EU	63PPP-16	112(B) HAPS	40 CFR Part 63, Subpart PPP	§ 63.1434(a) § 63.163(b)(2)(iii)(c) § 63.163(b)(2)(iii)(C) § 63.163(b)(3) [G]§ 63.163(c)	Standards: Pumps in light liquid service. §63.163(a)-(j)	§ 63.1434(a) [G]§ 63.162(f) § 63.163(b)(1) § 63.163(b)(3) [G]§ 63.163(e)	§ 63.1439(a) § 63.1439(c) [G]§ 63.181	§ 63.1434(f) § 63.1439(c) § 63.1439(e)(6) § 63.1439(e)(6)(i) § 63.1439(e)(6)(vii)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					[G]§ 63.163(e) § 63.163(f) [G]§ 63.171		§ 63.163(f) [G]§ 63.180		
P5OSFE	EU	63PPP-16	112(B) HAPS	40 CFR Part 63, Subpart PPP	§ 63.1434(a) [G]§ 63.167 [G]§ 63.171	Standards: Open-ended valves or lines. §63.167(a)-(e).	§ 63.1434(a) [G]§ 63.162(f) [G]§ 63.180	§ 63.1439(a) § 63.1439(c) [G]§ 63.181	§ 63.1434(f) § 63.1439(c) § 63.1439(e)(6) § 63.1439(e)(6)(i) § 63.1439(e)(6)(vii)
P5OSFE	EU	63PPP-16	112(B) HAPS	40 CFR Part 63, Subpart PPP	§ 63.1434(a) § 63.168(a)(1)(i)(C) § 63.168(b)(2)(iii) § 63.168(f)(1) § 63.168(f)(2) [G]§ 63.168(g) [G]§ 63.171	Standards: Valves in gas/vapor service and in light liquid service. §63.168(a)-(j)	§ 63.1434(a) [G]§ 63.162(f) [G]§ 63.168(d) [G]§ 63.168(f)(3) [G]§ 63.168(i) [G]§ 63.180	§ 63.1439(a) § 63.1439(c) [G]§ 63.181	§ 63.1434(f) § 63.1439(c) § 63.1439(e)(6) § 63.1439(e)(6)(i) § 63.1439(e)(6)(vii)
P5PUFE	EU	63PPP-21	112(B) HAPS	40 CFR Part 63, Subpart PPP	§ 63.1434(a) § 63.165(b)(1) [G]§ 63.171	Standards: Pressure relief device in gas/vapor service. §63.165(a)-(d)	§ 63.1434(a) [G]§ 63.162(f) § 63.165(b)(2) [G]§ 63.180	§ 63.1439(a) § 63.1439(c) [G]§ 63.181	§ 63.1434(f) § 63.1439(c) § 63.1439(e)(6) § 63.1439(e)(6)(i) § 63.1439(e)(6)(vii)
P5PUFE	EU	63PPP-21	112(B) HAPS	40 CFR Part 63, Subpart PPP	§ 63.1434(a) [G]§ 63.166 [G]§ 63.171	Standards: Sampling connection systems. §63.166(a)-(c)	§ 63.1434(a) [G]§ 63.162(f) [G]§ 63.180	§ 63.1439(a) § 63.1439(c) [G]§ 63.181	§ 63.1434(f) § 63.1439(c) § 63.1439(e)(6) § 63.1439(e)(6)(i) § 63.1439(e)(6)(vii)
P5PUFE	EU	63PPP-21	112(B) HAPS	40 CFR Part 63, Subpart PPP	§ 63.1434(a) [G]§ 63.169 [G]§ 63.171	Standards: Pumps in heavy liquid service. §63.169(a)-(d)	§ 63.1434(a) [G]§ 63.162(f) § 63.169(a) [G]§ 63.180	§ 63.1439(a) § 63.1439(c) [G]§ 63.181	§ 63.1434(f) § 63.1439(c) § 63.1439(e)(6) § 63.1439(e)(6)(i) § 63.1439(e)(6)(vii)
P5PUFE	EU	63PPP-21	112(B) HAPS	40 CFR Part 63, Subpart PPP	§ 63.1434(a) [G]§ 63.169 [G]§ 63.171	Standards: Valves in heavy liquid service. §63.169(a)-(d)	§ 63.1434(a) [G]§ 63.162(f) § 63.169(a)	§ 63.1439(a) § 63.1439(c) [G]§ 63.181	§ 63.1434(f) § 63.1439(c) § 63.1439(e)(6)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition I.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
							[G]§ 63.180		§ 63.1439(e)(6)(i) § 63.1439(e)(6)(vii)
P5PUFE	EU	63PPP-21	112(B) HAPS	40 CFR Part 63, Subpart PPP	§ 63.1434(a) [G]§ 63.169 [G]§ 63.171	Standards: Connector in heavy liquid service. §63.169(a)-(d)	§ 63.1434(a) [G]§ 63.162(f) § 63.169(a) [G]§ 63.180	§ 63.1439(a) § 63.1439(c) [G]§ 63.181	§ 63.1434(f) § 63.1439(c) § 63.1439(e)(6) § 63.1439(e)(6)(i) § 63.1439(e)(6)(vii)
P5PUFE	EU	63PPP-21	112(B) HAPS	40 CFR Part 63, Subpart PPP	§ 63.1434(a) [G]§ 63.169 [G]§ 63.171	Standards: Agitators in heavy liquid service. §63.169(a)-(d)	§ 63.1434(a) [G]§ 63.162(f) § 63.169(a) [G]§ 63.180	§ 63.1439(a) § 63.1439(c) [G]§ 63.181	§ 63.1434(f) § 63.1439(c) § 63.1439(e)(6) § 63.1439(e)(6)(i) § 63.1439(e)(6)(vii)
P5PUFE	EU	63PPP-21	112(B) HAPS	40 CFR Part 63, Subpart PPP	§ 63.1434(a) [G]§ 63.169 [G]§ 63.171	Standards: Instrumentation systems. §63.169(a)-(d)	§ 63.1434(a) [G]§ 63.162(f) § 63.169(a) [G]§ 63.180	§ 63.1439(a) § 63.1439(c) [G]§ 63.181	§ 63.1434(f) § 63.1439(c) § 63.1439(e)(6) § 63.1439(e)(6)(i) § 63.1439(e)(6)(vii)
P5PUFE	EU	63PPP-21	112(B) HAPS	40 CFR Part 63, Subpart PPP	§ 63.1434(a) [G]§ 63.169 [G]§ 63.171	Standards: Pressure relief devices in liquid service. §63.169(a)-(d)	§ 63.1434(a) [G]§ 63.162(f) § 63.169(a) [G]§ 63.180	§ 63.1439(a) § 63.1439(c) [G]§ 63.181	§ 63.1434(f) § 63.1439(c) § 63.1439(e)(6) § 63.1439(e)(6)(i) § 63.1439(e)(6)(vii)
P5PUFE	EU	63PPP-21	112(B) HAPS	40 CFR Part 63, Subpart PPP	§ 63.1434(a) [G]§ 63.171 § 63.173(a)(2) § 63.173(b)(2) [G]§ 63.173(c) [G]§ 63.173(d)	Standards: Agitators gas/vapor service and in light liquid service. §63.173(a)-(j).	§ 63.1434(a) [G]§ 63.162(f) § 63.173(a)(1) [G]§ 63.173(d) [G]§ 63.180	§ 63.1439(a) § 63.1439(c) [G]§ 63.181	§ 63.1434(f) § 63.1439(c) § 63.1439(e)(6) § 63.1439(e)(6)(i) § 63.1439(e)(6)(vii)
P5PUFE	EU	63PPP-21	112(B) HAPS	40 CFR Part 63, Subpart PPP	§ 63.1434(a) [G]§ 63.171 § 63.174(a)(2) § 63.174(d)	Standards: Connectors in gas/vapor service and in light liquid service. §63.174(a)-(j)	§ 63.1434(a) [G]§ 63.162(f) [G]§ 63.174(b) [G]§ 63.174(c) [G]§ 63.174(h)	§ 63.1439(a) § 63.1439(c) [G]§ 63.181	§ 63.1434(f) § 63.1439(c) § 63.1439(e)(6) § 63.1439(e)(6)(i) § 63.1439(e)(6)(vii)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
							[G]§ 63.180		
P5PUFE	EU	63PPP-21	112(B) HAPS	40 CFR Part 63, Subpart PPP	§ 63.1434(a) § 63.163(b)(2)(iii)(C) § 63.163(b)(3) [G]§ 63.163(c) [G]§ 63.163(e) § 63.163(f) [G]§ 63.171	Standards: Pumps in light liquid service. §63.163(a)-(j)	§ 63.1434(a) [G]§ 63.162(f) § 63.163(b)(1) § 63.163(b)(3) [G]§ 63.163(e) § 63.163(f) [G]§ 63.180	§ 63.1439(a) § 63.1439(c) [G]§ 63.181	§ 63.1434(f) § 63.1439(c) § 63.1439(e)(6) § 63.1439(e)(6)(i) § 63.1439(e)(6)(vii)
P5PUFE	EU	63PPP-21	112(B) HAPS	40 CFR Part 63, Subpart PPP	§ 63.1434(a) [G]§ 63.167 [G]§ 63.171	Standards: Open-ended valves or lines. §63.167(a)-(e).	§ 63.1434(a) [G]§ 63.162(f) [G]§ 63.180	§ 63.1439(a) § 63.1439(c) [G]§ 63.181	§ 63.1434(f) § 63.1439(c) § 63.1439(e)(6) § 63.1439(e)(6)(i) § 63.1439(e)(6)(vii)
P5PUFE	EU	63PPP-21	112(B) HAPS	40 CFR Part 63, Subpart PPP	§ 63.1434(a) § 63.168(a)(1)(i)(C) § 63.168(b)(2)(iii) § 63.168(f)(1) § 63.168(f)(2) [G]§ 63.168(g) [G]§ 63.171	Standards: Valves in gas/vapor service and in light liquid service. §63.168(a)-(j)	§ 63.1434(a) [G]§ 63.162(f) [G]§ 63.168(d) [G]§ 63.168(f)(3) [G]§ 63.168(i) [G]§ 63.180	§ 63.1439(a) § 63.1439(c) [G]§ 63.181	§ 63.1434(f) § 63.1439(c) § 63.1439(e)(6) § 63.1439(e)(6)(i) § 63.1439(e)(6)(vii)
P6FL1	EU	R1111-1	PM (OPACITY)	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(4)(A)	Visible emissions from a process gas flare shall not be permitted for more than five minutes in any two-hour period, except for upset emissions as provided in §101.11(a).	§ 111.111(a)(4)(A)(i) § 111.111(a)(4)(A)(ii)	§ 111.111(a)(4)(A)(ii)	None
P6FL1	CD	63A-1	112(B) HAPS	40 CFR Part 63, Subpart A	§ 63.11(b)(4) § 63.11(b)(1) § 63.11(b)(2) § 63.11(b)(3) § 63.11(b)(5)	Flares shall be designed and operated with no visible emissions, except for periods of a	§ 63.11(b)(4) § 63.11(b)(5) § 63.11(b)(7)(i)	None	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition I.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.11(b)(6)(ii) § 63.11(b)(7)(i)	total of 5 minutes or less during any 2 consecutive hrs. Test Method 22 in App. A of part 60 of this chapter shall be used.			
P6PUFE	EU	63PPP-22	112(B) HAPS	40 CFR Part 63, Subpart PPP	§ 63.1434(a) § 63.165(b)(1) [G]§ 63.171	Standards: Pressure relief device in gas/vapor service. §63.165(a)-(d)	§ 63.1434(a) [G]§ 63.162(f) § 63.165(b)(2) [G]§ 63.180	§ 63.1439(a) § 63.1439(c) [G]§ 63.181	§ 63.1434(f) § 63.1439(c) § 63.1439(e)(6) § 63.1439(e)(6)(i) § 63.1439(e)(6)(vii)
P6PUFE	EU	63PPP-22	112(B) HAPS	40 CFR Part 63, Subpart PPP	§ 63.1434(a) [G]§ 63.166 [G]§ 63.171	Standards: Sampling connection systems. §63.166(a)-(c)	§ 63.1434(a) [G]§ 63.162(f) [G]§ 63.180	§ 63.1439(a) § 63.1439(c) [G]§ 63.181	§ 63.1434(f) § 63.1439(c) § 63.1439(e)(6) § 63.1439(e)(6)(i) § 63.1439(e)(6)(vii)
P6PUFE	EU	63PPP-22	112(B) HAPS	40 CFR Part 63, Subpart PPP	§ 63.1434(a) [G]§ 63.169 [G]§ 63.171	Standards: Pumps in heavy liquid service. §63.169(a)-(d)	§ 63.1434(a) [G]§ 63.162(f) § 63.169(a) [G]§ 63.180	§ 63.1439(a) § 63.1439(c) [G]§ 63.181	§ 63.1434(f) § 63.1439(c) § 63.1439(e)(6) § 63.1439(e)(6)(i) § 63.1439(e)(6)(vii)
P6PUFE	EU	63PPP-22	112(B) HAPS	40 CFR Part 63, Subpart PPP	§ 63.1434(a) [G]§ 63.169 [G]§ 63.171	Standards: Valves in heavy liquid service. §63.169(a)-(d)	§ 63.1434(a) [G]§ 63.162(f) § 63.169(a) [G]§ 63.180	§ 63.1439(a) § 63.1439(c) [G]§ 63.181	§ 63.1434(f) § 63.1439(c) § 63.1439(e)(6) § 63.1439(e)(6)(i) § 63.1439(e)(6)(vii)
P6PUFE	EU	63PPP-22	112(B) HAPS	40 CFR Part 63, Subpart PPP	§ 63.1434(a) [G]§ 63.169 [G]§ 63.171	Standards: Connector in heavy liquid service. §63.169(a)-(d)	§ 63.1434(a) [G]§ 63.162(f) § 63.169(a) [G]§ 63.180	§ 63.1439(a) § 63.1439(c) [G]§ 63.181	§ 63.1434(f) § 63.1439(c) § 63.1439(e)(6) § 63.1439(e)(6)(i) § 63.1439(e)(6)(vii)
P6PUFE	EU	63PPP-22	112(B) HAPS	40 CFR Part 63, Subpart PPP	§ 63.1434(a) [G]§ 63.169 [G]§ 63.171	Standards: Agitators in heavy liquid	§ 63.1434(a) [G]§ 63.162(f)	§ 63.1439(a) § 63.1439(c)	§ 63.1434(f) § 63.1439(c)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					[G]§ 63.171	service. §63.169(a)-(d)	§ 63.169(a) [G]§ 63.180	[G]§ 63.181	§ 63.1439(e)(6) § 63.1439(e)(6)(i) § 63.1439(e)(6)(vii)
P6PUFE	EU	63PPP-22	112(B) HAPS	40 CFR Part 63, Subpart PPP	§ 63.1434(a) [G]§ 63.169 [G]§ 63.171	Standards: Instrumentation systems. §63.169(a)-(d)	§ 63.1434(a) [G]§ 63.162(f) § 63.169(a) [G]§ 63.180	§ 63.1439(a) § 63.1439(c) [G]§ 63.181	§ 63.1434(f) § 63.1439(c) § 63.1439(e)(6) § 63.1439(e)(6)(i) § 63.1439(e)(6)(vii)
P6PUFE	EU	63PPP-22	112(B) HAPS	40 CFR Part 63, Subpart PPP	§ 63.1434(a) [G]§ 63.169 [G]§ 63.171	Standards: Pressure relief devices in liquid service. §63.169(a)-(d)	§ 63.1434(a) [G]§ 63.162(f) § 63.169(a) [G]§ 63.180	§ 63.1439(a) § 63.1439(c) [G]§ 63.181	§ 63.1434(f) § 63.1439(c) § 63.1439(e)(6) § 63.1439(e)(6)(i) § 63.1439(e)(6)(vii)
P6PUFE	EU	63PPP-22	112(B) HAPS	40 CFR Part 63, Subpart PPP	§ 63.1434(a) [G]§ 63.171 § 63.173(a)(2) § 63.173(b)(2) [G]§ 63.173(c) [G]§ 63.173(d)	Standards: Agitators gas/vapor service and in light liquid service. §63.173(a)-(j).	§ 63.1434(a) [G]§ 63.162(f) § 63.173(a)(1) [G]§ 63.173(d) [G]§ 63.180	§ 63.1439(a) § 63.1439(c) [G]§ 63.181	§ 63.1434(f) § 63.1439(c) § 63.1439(e)(6) § 63.1439(e)(6)(i) § 63.1439(e)(6)(vii)
P6PUFE	EU	63PPP-22	112(B) HAPS	40 CFR Part 63, Subpart PPP	§ 63.1434(a) [G]§ 63.171 § 63.174(a)(2) § 63.174(d)	Standards: Connectors in gas/vapor service and in light liquid service. §63.174(a)-(j)	§ 63.1434(a) [G]§ 63.162(f) [G]§ 63.174(b) [G]§ 63.174(c) [G]§ 63.174(h) [G]§ 63.180	§ 63.1439(a) § 63.1439(c) [G]§ 63.181	§ 63.1434(f) § 63.1439(c) § 63.1439(e)(6) § 63.1439(e)(6)(i) § 63.1439(e)(6)(vii)
P6PUFE	EU	63PPP-22	112(B) HAPS	40 CFR Part 63, Subpart PPP	§ 63.1434(a) § 63.163(b)(2)(iii)(C) § 63.163(b)(3) [G]§ 63.163(c) [G]§ 63.163(e) § 63.163(f) [G]§ 63.171	Standards: Pumps in light liquid service. §63.163(a)-(j)	§ 63.1434(a) [G]§ 63.162(f) § 63.163(b)(1) § 63.163(b)(3) [G]§ 63.163(e) § 63.163(f) [G]§ 63.180	§ 63.1439(a) § 63.1439(c) [G]§ 63.181	§ 63.1434(f) § 63.1439(c) § 63.1439(e)(6) § 63.1439(e)(6)(i) § 63.1439(e)(6)(vii)
P6PUFE	EU	63PPP-22	112(B)	40 CFR Part 63,	§ 63.1434(a)	Standards: Open-	§ 63.1434(a)	§ 63.1439(a)	§ 63.1434(f)

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition I.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
			HAPS	Subpart PPP	[G]§ 63.167 [G]§ 63.171	ended valves or lines. §63.167(a)-(e).	[G]§ 63.162(f) [G]§ 63.180	§ 63.1439(c) [G]§ 63.181	§ 63.1439(c) § 63.1439(e)(6) § 63.1439(e)(6)(i) § 63.1439(e)(6)(vii)
P6PUFE	EU	63PPP-22	112(B) HAPS	40 CFR Part 63, Subpart PPP	§ 63.1434(a) § 63.168(a)(1)(i)(C) § 63.168(b)(2)(iii) § 63.168(f)(1) § 63.168(f)(2) [G]§ 63.168(g) [G]§ 63.171	Standards: Valves in gas/vapor service and in light liquid service. §63.168(a)-(j)	§ 63.1434(a) [G]§ 63.162(f) [G]§ 63.168(d) [G]§ 63.168(f)(3) [G]§ 63.168(i) [G]§ 63.180	§ 63.1439(a) § 63.1439(c) [G]§ 63.181	§ 63.1434(f) § 63.1439(c) § 63.1439(e)(6) § 63.1439(e)(6)(i) § 63.1439(e)(6)(vii)
PE-1	EP	R5122-1	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(a)(1) § 115.121(a)(1) § 115.122(a)(1)(A)	Vent gas streams affected by §115.121(a)(1) must be controlled properly with a control efficiency of at least 90% or to a volatile organic compound (VOC) concentration of no more than 20 parts per million (ppmv) (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(A) § 115.126(1)(A)(i) § 115.126(2) ** See CAM Summary	§ 115.126 § 115.126(1) § 115.126(1)(A) § 115.126(1)(A)(i) § 115.126(2)	None
PE-DISTK	EU	R5112-4	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None
PE-EGTKS	EU	R5112-3	VOC	30 TAC Chapter	§ 115.111(a)(1)	Except as provided in	[G]§ 115.117	§ 115.118(a)(1)	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition I.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
				115, Storage of VOCs		§ 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.		§ 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	
PE-PRDTKSA	EU	R5112-2	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None
PE-PRDTKSB	EU	R5112-3	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7)	None
PROP1	PRO	R5167-1	VOC	30 TAC Chapter 115, Batch Processes	§ 115.167(2) § 115.162(3)	Combined vents from a batch process train or single unit operations that meet the criteria in § 115.162(2)(A) or (B), respectively, are exempt from the requirements of this division, except for §§115.161(b) and (C), 115.164, and 115.166(2).	§ 115.164(1) § 115.164(2) § 115.166 [G]§ 115.166(2)	§ 115.166 [G]§ 115.166(2)	None



### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition I.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
PROP2	PRO	R5167-1	VOC	30 TAC Chapter 115, Batch Processes	§ 115.167(2) § 115.162(3)	Combined vents from a batch process train or single unit operations that meet the criteria in § 115.162(2)(A) or (B), respectively, are exempt from the requirements of this division, except for §§115.161(b) and (C), 115.164, and 115.166(2).	§ 115.164(1) § 115.164(2) § 115.166 [G]§ 115.166(2)	§ 115.166 [G]§ 115.166(2)	None
PROP3	PRO	R5161-1	VOC	30 TAC Chapter 115, Batch Processes	§ 115.167(2) § 115.162(3)	Combined vents from a batch process train or single unit operations that meet the criteria in § 115.162(2)(A) or (B), respectively, are exempt from the requirements of this division, except for §§115.161(b) and (C), 115.164, and 115.166(2).	§ 115.164(1) § 115.164(2) § 115.166 [G]§ 115.166(2)	§ 115.166 [G]§ 115.166(2)	None
PROP3	PRO	R5161-1	VOC	30 TAC Chapter 115, Batch Processes	§ 115.162(1) § 115.162(1)(A) § 115.162(1)(B) § 115.162(1)(C) § 115.162(2) § 115.162(2)(B) § 115.162(2)(D) § 115.162(2)(E) § 60.18(b)	The mass emission rate from individual process vents or for process vent streams in aggregate within a batch process shall be reduced by 90% if the actual average flow rate value is below the flow rate value	§ 115.164(1) § 115.164(2) § 115.165(2)(C)(i) § 115.165(2)(C)(iii) § 115.165(2)(D) § 115.165(2)(E) § 115.166 § 115.166(1) § 115.166(1)(B) [G]§ 115.166(2)	§ 115.166 § 115.166(1) § 115.166(1)(B) [G]§ 115.166(2) § 115.166(3) § 115.166(3)(B)	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition I.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						calculated using the applicable RACT equation.	§ 115.166(3) § 115.166(3)(B)		
PROP4	PRO	R5161-2	VOC	30 TAC Chapter 115, Batch Processes	§ 115.167(2) § 115.162(3)	Combined vents from a batch process train or single unit operations that meet the criteria in § 115.162(2)(A) or (B), respectively, are exempt from the requirements of this division, except for §§115.161(b) and (C), 115.164, and 115.166(2).	§ 115.164(1) § 115.164(2) § 115.166 [G]§ 115.166(2)	§ 115.166 [G]§ 115.166(2)	None
PROP4	PRO	R5161-2	VOC	30 TAC Chapter 115, Batch Processes	§ 115.162(1) § 115.162(1)(A) § 115.162(1)(B) § 115.162(1)(C) § 115.162(2) § 115.162(2)(B) § 115.162(2)(D) § 115.162(2)(E) § 60.18(b)	The mass emission rate from individual process vents or for process vent streams in aggregate within a batch process shall be reduced by 90% if the actual average flow rate value is below the flow rate value calculated using the applicable RACT equation.	§ 115.164(1) § 115.164(2) § 115.165(2)(C)(i) § 115.165(2)(C)(iii) § 115.165(2)(D) § 115.165(2)(E) § 115.166 § 115.166(1) § 115.166(1)(B) [G]§ 115.166(2) § 115.166(3) § 115.166(3)(B)	§ 115.166 § 115.166(1) § 115.166(1)(B) [G]§ 115.166(2) § 115.166(3) § 115.166(3)(B)	None
PROP5	PRO	R5161-3	VOC	30 TAC Chapter 115, Batch Processes	§ 115.167(2) § 115.162(3)	Combined vents from a batch process train or single unit operations that meet the criteria in § 115.162(2)(A) or (B), respectively, are	§ 115.164(1) § 115.164(2) § 115.166 [G]§ 115.166(2)	§ 115.166 [G]§ 115.166(2)	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition I.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						exempt from the requirements of this division, except for §§115.161(b) and (C), 115.164, and 115.166(2).			
PROP5	PRO	R5161-3	VOC	30 TAC Chapter 115, Batch Processes	§ 115.162(1) § 115.162(1)(A) § 115.162(1)(B) § 115.162(1)(C) § 115.162(2) § 115.162(2)(B) § 115.162(2)(D) § 115.162(2)(E) § 60.18(b)	The mass emission rate from individual process vents or for process vent streams in aggregate within a batch process shall be reduced by 90% if the actual average flow rate value is below the flow rate value calculated using the applicable RACT equation.	§ 115.164(1) § 115.164(2) § 115.165(2)(C)(i) § 115.165(2)(C)(iii) § 115.165(2)(D) § 115.165(2)(E) § 115.166 § 115.166(1) § 115.166(1)(B) [G]§ 115.166(2) § 115.166(3) § 115.166(3)(B)	§ 115.166 § 115.166(1) § 115.166(1)(B) [G]§ 115.166(2) § 115.166(3) § 115.166(3)(B)	None
PROP6	PRO	R5161-4	VOC	30 TAC Chapter 115, Batch Processes	§ 115.167(2) § 115.162(3)	Combined vents from a batch process train or single unit operations that meet the criteria in § 115.162(2)(A) or (B), respectively, are exempt from the requirements of this division, except for §§115.161(b) and (C), 115.164, and 115.166(2).	§ 115.164(1) § 115.164(2) § 115.166 [G]§ 115.166(2)	§ 115.166 [G]§ 115.166(2)	None
PROP6	PRO	R5161-4	VOC	30 TAC Chapter 115, Batch Processes	§ 115.162(1) § 115.162(1)(A) § 115.162(1)(B) § 115.162(1)(C)	The mass emission rate from individual process vents or for process vent streams	§ 115.164(1) § 115.164(2) § 115.165(2)(C)(i) § 115.165(2)(C)(iii)	§ 115.166 § 115.166(1) § 115.166(1)(B) [G]§ 115.166(2)	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 115.162(2) § 115.162(2)(B) § 115.162(2)(D) § 115.162(2)(E) § 60.18(b)	in aggregate within a batch process shall be reduced by 90% if the actual average flow rate value is below the flow rate value calculated using the applicable RACT equation.	§ 115.165(2)(D) § 115.165(2)(E) § 115.166 § 115.166(1) § 115.166(1)(B) [G]§ 115.166(2) § 115.166(3) § 115.166(3)(B)	§ 115.166(3) § 115.166(3)(B)	
TK1BMV	EP	R5127-1	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC) < 100 lbs (45.4 kg) in any continuous 24-hour period is exempt from the requirements of § 115.121(a)(1).	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
TK2BMV	EP	R5127-1	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC) < 100 lbs (45.4 kg) in any continuous 24-hour period is exempt from the requirements of § 115.121(a)(1).	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
TK3BMV	EP	R5127-1	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC) < 100 lbs (45.4 kg) in any continuous 24-hour period is	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition I.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						exempt from the requirements of § 115.121(a)(1).			
TK4AMV	EP	R5127-1	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC) < 100 lbs (45.4 kg) in any continuous 24-hour period is exempt from the requirements of § 115.121(a)(1).	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
TK4AMV	EP	R5127-1	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(B) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream specified in § 115.121(a)(1) of this title with a concentration of VOC < 612 ppmv is exempt from § 115.121(a)(1).	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
TK50	EU	R5112-1	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
TK51	EU	R5112-1	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition I.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						division.			
TK52	EU	R5112-1	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
TK53	EU	R5112-1	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
TK5A	EU	R5117-1	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
TK6AMV	EP	R5127-1	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC) equal to or less than 100 pounds in any continuous 24-hour period is exempt from §115.121(a)(1) of this title.	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition I.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
TK6AMV	EP	R5127-1	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(B) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream specified in §115.121(a)(1) of this title with a concentration of VOC less than 612 parts per million by volume (ppmv) is exempt from §115.121(a)(1) of this title.	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
TK7BMV	EP	R5127-1	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC) < 100 lbs (45.4 kg) in any continuous 24-hour period is exempt from the requirements of § 115.121(a)(1).	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
TK7BMV	EP	R5127-1	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(B) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream specified in § 115.121(a)(1) of this title with a concentration of VOC < 612 ppmv is exempt from § 115.121(a)(1).	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
TK8BCV	EP	R5127-1	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC) < 100 lbs (45.4 kg) in any continuous 24-hour period is exempt from the requirements of §	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None

### Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition I.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						115.121(a)(1).			
TK9BCV	EP	R5127-1	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC) < 100 lbs (45.4 kg) in any continuous 24-hour period is exempt from the requirements of § 115.121(a)(1).	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None



**Additional Monitoring Requirements**

<b>Compliance Assurance Monitoring Summary .....</b>	<b>96</b>
<b>Periodic Monitoring Summary .....</b>	<b>97</b>

### CAM Summary

Unit/Group/Process Information	
ID No.: PE-1	
Control Device ID No.: THOX	Control Device Type: Thermal Incinerator (Direct Flame Incinerator/Regenerative Thermal Oxidizer)
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5122-1
Pollutant: VOC	Main Standard: § 115.122(a)(1)
Monitoring Information	
Indicator: Combustion Temperature / Exhaust Gas Temperature	
Minimum Frequency: once per day	
Averaging Period: n/a*	
Deviation Limit: It is a deviation if combustion temperature is less than 1600 degrees Fahrenheit.	
<p>CAM Text: The monitoring device should be installed in the combustion chamber or immediately downstream of the combustion chamber. Each monitoring device shall be calibrated at a frequency in accordance with the manufacturer's specifications, other written procedures that provide an adequate assurance that the device is calibrated accurately, or at least annually, whichever is more frequent, and shall be accurate to within one of the following:</p> <ul style="list-style-type: none"> <li>± 0.75% of the temperature being measured expressed in degrees Celsius; or</li> <li>± 2.5 degrees Celsius.</li> </ul>	

\*The permit holder may elect to collect monitoring data on a more frequent basis and calculate the average as specified by the minimum frequency, for purposes of determining whether a deviation has occurred. However, the additional data points must be collected on a regular basis and shall not be collected and used in particular instances to avoid reporting deviations.

### Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: DEGREASER1	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Degreasing Processes	SOP Index No.: 115E1
Pollutant: VOC	Main Standard: § 115.412(1)
Monitoring Information	
Indicator: Visual inspection	
Minimum Frequency: Monthly	
Averaging Period: N/A	
Deviation Limit: It is a deviation if inspection results indicate the control requirements of 30 TAC §115.412(1)(A), (C), (D), or (F) are not satisfied.	
<p>Periodic Monitoring Text: Inspect equipment and create record of inspection monthly to ensure compliance with applicable requirements in 30 TAC §115.412(1)(A), (C), (D), and (F). Any inspection that indicate that the cold cleaner is not in compliance with the applicable requirements of 30 TAC §115.412(1)(A), (C), (D), and (F) shall be considered and reported as a deviation.</p>	

### Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: G408A	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-3
Pollutant: PM (OPACITY)	Main Standard: § 111.111(a)(1)(A)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: once per calendar quarter	
Averaging Period: n/a	
Deviation Limit: It is a deviation if opacity exceeds 30 %.	
<p>Periodic Monitoring Text: Visible emissions observations shall be made and recorded. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles, away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor.</p> <p>If visible emissions are observed, the permit holder shall report a deviation. As an alternative, the permit holder may determine the opacity consistent with Test Method 9, as soon as practicable, but no later than 24 hours after observing visible emissions. If the result of the Test Method 9 is opacity above the opacity limit in the applicable requirement, the permit holder shall report a deviation.</p>	

### Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: G408B	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-3
Pollutant: PM (OPACITY)	Main Standard: § 111.111(a)(1)(A)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: once per calendar quarter	
Averaging Period: n/a	
Deviation Limit: It is a deviation if opacity exceeds 30 %.	
<p>Periodic Monitoring Text: Visible emissions observations shall be made and recorded. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles, away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor.</p> <p>If visible emissions are observed, the permit holder shall report a deviation. As an alternative, the permit holder may determine the opacity consistent with Test Method 9, as soon as practicable, but no later than 24 hours after observing visible emissions. If the result of the Test Method 9 is opacity above the opacity limit in the applicable requirement, the permit holder shall report a deviation.</p>	

### Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: G4408A	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-3
Pollutant: PM (OPACITY)	Main Standard: § 111.111(a)(1)(B)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: once per calendar quarter	
Averaging Period: n/a	
Deviation Limit: It is a deviation if opacity exceeds 20 %.	
<p>Periodic Monitoring Text: Visible emissions observations shall be made and recorded. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles, away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor.</p> <p>If visible emissions are observed, the permit holder shall report a deviation. As an alternative, the permit holder may determine the opacity consistent with Test Method 9, as soon as practicable, but no later than 24 hours after observing visible emissions. If the result of the Test Method 9 is opacity above the opacity limit in the applicable requirement, the permit holder shall report a deviation.</p>	

### Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: G4408B	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-3
Pollutant: PM (OPACITY)	Main Standard: § 111.111(a)(1)(B)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: once per calendar quarter	
Averaging Period: n/a	
Deviation Limit: It is a deviation if opacity exceeds 20 %.	
<p>Periodic Monitoring Text: Visible emissions observations shall be made and recorded. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles, away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor.</p> <p>If visible emissions are observed, the permit holder shall report a deviation. As an alternative, the permit holder may determine the opacity consistent with Test Method 9, as soon as practicable, but no later than 24 hours after observing visible emissions. If the result of the Test Method 9 is opacity above the opacity limit in the applicable requirement, the permit holder shall report a deviation.</p>	

**Permit Shield**

**Permit Shield ..... 103**



### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
CBWWE	N/A	30 TAC Chapter 115, Industrial Wastewater	Wastewater streams do not meet the definition of affected VOC wastewater streams
GRPTNKA	F1306AA, F1306BB, F1306CC, F1306DD, F1306EE, F1306FF, F1306GG, F1306HH, F1306JJ, F1306KK, F1306S, F1306T, F1306V, F1306W, F1306X, F1306Y, F1306Z, F2309, F2310, F2311, F2312, F2313, F308, F309, F3102A, F3102B, F3102C, F3303A, F3303B, F3303C, F4102A, F4102B, F4102C, F4303A, F4303B, F4303C	40 CFR Part 60, Subpart Kb	Vapor pressure of VOLs is less than 3.5 KPa
GRPTNKB	F2306G, F2306H, F306J, F306K, F3306A, F3306B, F3306C, F3306D, F3306E, F3306F, F3306G, F3306H, F3306J, F3306K, F3306L, F3306M, F4306A, F4306B, F4306C, F4306D, F4306E, F4306F, F5102A, F5102B, F5303A, F5303B, F5306A, F5306B, F5306C, F5306D, F5306E, F5306F	40 CFR Part 60, Subpart Kb	Vapor pressure of VOLs is less than 3.5 KPa

### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
GRPTNKD	F102A, F102B, F1306A, F1306B, F1306C, F1306D, F1306E, F1306F, F1306G, F1306H, F1306J, F1306K, F1306L, F1306M, F1306N, F1306P, F1306Q, F1306R, F2102A, F2102B, F2206, F2303, F2305A, F2305B, F303, F305A, F305B, F306A, F306B, F306C, F306D, F3305A, F3305B, F3305C, F3305D, F4204A, F4204B, F4206, F4305A, F4305B, F4305C	40 CFR Part 60, Subpart Kb	The vessel stores a VOL with a maximum true vapor pressure less than 3.5 KPa (0.5 psia).
GRPTNKF	F2415, F411A, F411B, F4411A, F4411B	30 TAC Chapter 115, Storage of VOCs	The vessel has a capacity less than 1,000 gallons.
GRPTNKF	F2415, F411A, F411B, F4411A, F4411B	40 CFR Part 60, Subpart Kb	The vessel has a design capacity less than 75 cubic meters (19,800 gal).
GRPTNKG	F2406A, F3406A, F406A, F4406A, F5406A	30 TAC Chapter 115, Storage of VOCs	The vessel has a capacity less than 1,000 gallons.
GRPTNKG	F2406A, F3406A, F406A, F4406A, F5406A	40 CFR Part 60, Subpart Kb	The vessel has a design capacity less than 75 cubic meters (19,800 gal).
P1WWE	N/A	30 TAC Chapter 115, Industrial Wastewater	Wastewater streams do not meet the definition of affected VOC wastewater streams
P2WWE	N/A	30 TAC Chapter 115, Industrial Wastewater	Wastewater streams do not meet the

### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
			definition of affected VOC wastewater streams
P3WWE	N/A	30 TAC Chapter 115, Industrial Wastewater	Wastewater streams do not meet the definition of affected VOC wastewater streams
P4WWE	N/A	30 TAC Chapter 115, Industrial Wastewater	Wastewater streams do not meet the definition of affected VOC wastewater streams
P5WWE	N/A	30 TAC Chapter 115, Industrial Wastewater	Wastewater streams do not meet the definition of affected VOC wastewater streams
P6WWE	N/A	30 TAC Chapter 115, Industrial Wastewater	Wastewater streams do not meet the definition of affected VOC wastewater streams.
PE-1	N/A	40 CFR Part 63, Subpart FFFF	The site is not a major source of HAPs.
TK1BMV	N/A	30 TAC Chapter 115, Batch Processes	The blending unit is not operating under one of the SIC codes in §115.161(a)(1)-(7).
TK2BMV	N/A	30 TAC Chapter 115, Batch Processes	The blending unit is not operating under one of the SIC codes in §115.161(a)(1)-(7).
TK3BMV	N/A	30 TAC Chapter 115, Batch Processes	The blending unit is not operating under one of the SIC codes in §115.161(a)(1)-(7).
TK4AMV	N/A	30 TAC Chapter 115, Batch Processes	The blending unit is not operating under one of the SIC codes in §115.161(a)(1)-(7).

### Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
TK5A	N/A	40 CFR Part 60, Subpart Kb	Tank volume is less than 75 m3.
TK6AMV	N/A	30 TAC Chapter 115, Batch Processes	The blending unit is not operating under one of the SIC codes in §115.161(a)(1)-(7).
TK70	N/A	30 TAC Chapter 115, Batch Processes	The unit does not operate under the SIC codes in §115.161(a)(1)-(7).
TK71	N/A	30 TAC Chapter 115, Batch Processes	The unit does not operate under the SIC codes in §115.161(a)(1)-(7).
TK72	N/A	30 TAC Chapter 115, Batch Processes	The unit does not operate under the SIC codes in §115.161(a)(1)-(7).
TK73	N/A	30 TAC Chapter 115, Batch Processes	The unit does not operate under the SIC codes in §115.161(a)(1)-(7).
TK74	N/A	30 TAC Chapter 115, Batch Processes	The unit does not operate under the SIC codes in §115.161(a)(1)-(7).
TK7BMV	N/A	30 TAC Chapter 115, Batch Processes	The blending unit is not operating under one of the SIC codes in §115.161(a)(1)-(7).
TK8BCV	N/A	30 TAC Chapter 115, Batch Processes	The blending unit is not operating under one of the SIC codes in §115.161(a)(1)-(7).
TK9BCV	N/A	30 TAC Chapter 115, Batch Processes	The blending unit is not operating under one of the SIC codes in §115.161(a)(1)-(7).

**New Source Review Authorization References**

<b>New Source Review Authorization References.....</b>	<b>108</b>
<b>New Source Review Authorization References by Emission Unit .....</b>	<b>109</b>

### New Source Review Authorization References

The New Source Review authorizations listed in the table below are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

<b>Title 30 TAC Chapter 116 Permits, Special Permits, and Other Authorizations (Other Than Permits By Rule, PSD Permits, or NA Permits) for the Application Area.</b>	
Authorization No.: 123305	Issuance Date: 07/08/2016
Authorization No.: 3678	Issuance Date: 05/23/2016
Authorization No.: 4757	Issuance Date: 09/25/2014
<b>Permits By Rule (30 TAC Chapter 106) for the Application Area</b>	
Number: 106.183	Version No./Date: 09/04/2000
Number: 106.261	Version No./Date: 09/04/2000
Number: 106.261	Version No./Date: 11/01/2003
Number: 106.262	Version No./Date: 12/24/1998
Number: 106.262	Version No./Date: 09/04/2000
Number: 106.262	Version No./Date: 11/01/2003
Number: 106.263	Version No./Date: 11/01/2001
Number: 106.371	Version No./Date: 09/04/2000
Number: 106.373	Version No./Date: 03/14/1997
Number: 106.472	Version No./Date: 03/14/1997
Number: 106.472	Version No./Date: 09/04/2000
Number: 106.476	Version No./Date: 09/04/2000
Number: 106.478	Version No./Date: 09/04/2000
Number: 106.511	Version No./Date: 03/14/1997
Number: 106.511	Version No./Date: 09/04/2000
Number: 106.512	Version No./Date: 06/13/2001
Number: 86	Version No./Date: 09/13/1993

### New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
CBLE	CHEMICAL BLENDING LOADING	4757
CBWWE	BLENDING UNIT WASTEWATER EMISSIONS	106.472/09/04/2000
D101MV	P1 REACTOR MANUAL VENT	106.263/11/01/2001
D101VSV	P1 REACTOR VACUUM VENT (VENTS THROUGH P1 FLARE)	3678
D1101MV	P2 REACTOR MANUAL VENT	106.263/11/01/2001
D1101VSV	P2 REACTOR VACUUM VENT (VENTS THROUGH P1 FLARE)	3678
D1201MV	P2 NEUTRALIZER MANUAL VENT	3678
D201MV	P1 NEUTRALIZER MANUAL VENT	3678
D2101VSV	P3 REACTOR VACUUM VENT (VENTS THROUGH P3 FLARE)	4757
D2201MV	P3 NEUTRALIZER VENT	4757
D3101VSV	P4 REACTOR VACUUM VENT (VENTS THROUGH P4 FLARE)	4757
D3201MV	P4 NEUTRALIZER VENT	4757
D4101VSV	P5 REACTOR VACUUM VENT (VENTS THROUGH P5 FLARE)	4757
D4201MV	P5 NEUTRALIZER VENT	4757
D5101VSV	P6 REACTOR VACUUM VENT (VENTS THROUGH P6 FLARE)	4757
D5201MV	P6 NEUTRALIZER VENT (VENTS THROUGH P6 FLARE)	4757
DEGREASER1	COLD SOLVENT PARTS CLEANING	106.263/11/01/2001
F102A	P1 INTERMEDIATE TANK	3678
F102APVA	P1 INTERMEDIATE TANK VENT	3678

### New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
F102APVB	P1 INTERMEDIATE TANK VENT	3678
F102B	P1 INTERMEDIATE TANK	3678
F102BPVA	P1 INTERMEDIATE TANK VENT	3678
F102BPVB	P1 INTERMEDIATE TANK VENT	3678
F1102A	P2 INTERMEDIATE TANK	3678
F1102B	P2 INTERMEDIATE TANK	3678
F1203PV	P2 IMPURITY ABSORBER TANK VENT	3678
F1204A	P2 FLASH DRUM FEED TANK	3678
F1204B	P2 FLASH DRUM FEED TANK	3678
F1205PV	P2 STABILIZER TANK VENT	3678
F1207VSV	P2 FLASH DRUM VENT (VENTS THROUGH P1 FLARE)	3678
F1209PV	P2 SLURRY TANK VENT	3678
F1303A	P2 POLYOL STORAGE TANK	3678
F1303B	P2 POLYOL STORAGE TANK	3678
F1303C	P2 POLYOL STORAGE TANK	3678
F1303D	P2 POLYOL STORAGE TANK	3678
F1303E	P2 POLYOL STORAGE TANK	3678
F1303F	P2 PROPYLENE GLYCOL STORAGE TANK	3678
F1305A	P2 RUNDOWN TANK	3678



### New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
F1305B	P2 RUNDOWN TANK	3678
F1306AA	P2 POLYOL STORAGE TANK	3678
F1306A	P2 POLYOL STORAGE TANK	3678
F1306BB	P2 POLYOL STORAGE TANK	3678
F1306B	P2 POLYOL STORAGE TANK	3678
F1306CC	P2 POLYOL STORAGE TANK	3678
F1306C	P2 POLYOL STORAGE TANK	3678
F1306DD	P2 POLYOL STORAGE TANK	3678
F1306D	P2 POLYOL STORAGE TANK	3678
F1306EE	P2 POLYOL STORAGE TANK	3678
F1306E	P2 POLYOL STORAGE TANK	3678
F1306FF	P2 POLYOL STORAGE TANK	3678
F1306F	P2 POLYOL STORAGE TANK	3678
F1306GG	P2 POLYOL STORAGE TANK	3678
F1306G	P2 POLYOL STORAGE TANK	3678
F1306HH	P2 POLYOL STORAGE TANK	3678
F1306H	P2 POLYOL STORAGE TANK	3678
F1306JJ	P2 POLYOL STORAGE TANK	3678
F1306J	P2 POLYOL STORAGE TANK	3678

### New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
F1306KK	P2 POLYOL STORAGE TANK	3678
F1306K	P2 POLYOL STORAGE TANK	3678
F1306L	P2 POLYOL STORAGE TANK	3678
F1306M	P2 POLYOL STORAGE TANK	3678
F1306N	P2 POLYOL STORAGE TANK	3678
F1306P	P2 POLYOL STORAGE TANK	3678
F1306Q	BLENDING POLYOL TANK	123305
F1306R	BLENDING OIL TANK	123305
F1306S	BLENDING MDI TANK	123305
F1306T	BLENDING MDI TANK	123305
F1306U	BLENDING MPDA TANK	123305
F1306V	P2 POLYOL STORAGE TANK	3678
F1306W	P2 POLYOL STORAGE TANK	3678
F1306X	P2 POLYOL STORAGE TANK	3678
F1306Y	P2 POLYOL STORAGE TANK	3678
F1306Z	P2 POLYOL STORAGE TANK	3678
F1307	P1 SUGAR TANK	106.478/09/04/2000
F1308A	BLENDING POLYOL TANK	123305
F1308B	BLENDING POLYOL TANK	123305

### New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
F1308C	BLENDING POLYOL TANK	123305
F1308D	BLENDING POLYOL TANK	123305
F1308F	BLENDING POLYOL TANK	123305
F1308G	BLENDING POLYOL TANK	123305
F1308H	BLENDING POLYOL TANK	123305
F1308J	BLENDING POLYOL TANK	123305
F1308K	BLENDING POLYOL TANK	123305
F1308L	BLENDING POLYOL TANK	123305
F1308M	BLENDING POLYOL TANK	123305
F1308N	BLENDING POLYOL TANK	123305
F1308P	BLENDING POLYOL TANK	123305
F1308Q	BLENDING POLYOL TANK	123305
F1308R	BLENDING POLYOL TANK	123305
F1308S	BLENDING POLYOL TANK	123305
F1308T	BLENDING POLYOL TANK	123305
F1308U	BLENDING POLYOL TANK	123305
F1308V	BLENDING POLYOL TANK	123305
F1308W	BLENDING POLYOL TANK	123305
F1308X	BLENDING POLYOL TANK	123305

### New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
F203APV	P1 IMPURITY ABSORBER PRECOAT TANK VENT	106.261/11/01/2003, 106.262/11/01/2003
F203B	P1 IMPURITY ABOSRBER TANK	106.261/11/01/2003, 106.262/11/01/2003
F204A	P1 FLASH DRUM FEED TANK	3678
F204APV	P1 FLASH DRUM FEED TANK VENT	3678
F204B	P1 FLASH DRUM FEED TANK	3678
F204BPV	P1 FLASH DRUM FEED TANK VENT	3678
F205PV	P1 STABILIZER TANK VENT	3678
F206	P1 FILTER FEED TANK	3678
F207VSV	P1 FLASH DRUM VENT (VENTS THROUGH P1 FLARE)	3678
F209PV	P1 SLURRY TANK VENT	106.261/11/01/2003, 106.262/11/01/2003
F2102A	P3 INTERMEDIATE TANK	4757
F2102B	P3 INTERMEDIATE TANK	4757
F2203PV	P3 IMPURITY ABSORBER TANK VENT	4757
F2204A	P3 FLASH DRUM FEED TANK	4757
F2204B	P3 FLASH DRUM FEED TANK	4757
F2205PV	P3 STABLIZER TANK VENT	4757
F2206	P3 FILTER FEED TANK	4757
F2207VSV	P3 FLASH DRUM VENT (VENTS THROUGH P3 FLARE)	4757
F2209MV	P3 SLURRY TANK VENT	4757

### New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
F2303	P3 GLYCERINE TANK	4757
F2305A	P3 RUNDOWN TANK	4757
F2305B	P3 RUNDOWN TANK	4757
F2306A	P3 POLYOL STORAGE TANK	4757, 106.261/11/01/2003, 106.262/11/01/2003
F2306B	P3 POLYOL STORAGE TANK	4757, 106.261/11/01/2003, 106.262/11/01/2003
F2306C	P3 POLYOL STORAGE TANK	4757, 106.261/11/01/2003, 106.262/11/01/2003
F2306D	P3 POLYOL STORAGE TANK	4757
F2306E	P3 POLYOL STORAGE TANK	4757
F2306F	P3 POLYOL STORAGE TANK	4757
F2306G	P3 POLYOL STORAGE TANK	4757
F2306H	P3 POLYOL STORAGE TANK	4757
F2309	P3 DEOA TANK	4757
F2310	P3 FORMALDEHYDE TANK	106.261/11/01/2003, 106.262/11/01/2003
F2311	P3 PNP STORAGE TANK	106.261/11/01/2003
F2312	P3 POLYOL STORAGE TANK	106.261/11/01/2003, 106.262/11/01/2003, 106.472/09/04/2000
F2313	P3 POLYOL STORAGE TANK	106.261/11/01/2003, 106.262/11/01/2003, 106.472/09/04/2000

### New Source Review Authorization References by Emissions Unit

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Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
F2406A	P3 CW TREATMENT CHEMICAL TANK	106.371/09/04/2000
F2415	DIESEL STORAGE TANK	106.472/09/04/2000
F303	P1 GLYCERINE TANK	3678
F303PV	P1 GLYCERINE TANK VENT	3678
F304PV	P1 POTASSIUM HYDROXIDE TANK VENT	3678
F305A	P1 RUNDOWN TANK	3678
F305APV	P1 RUNDOWN TANK VENT	3678
F305B	P1 RUNDOWN TANK	3678
F305BPV	P1 RUNDOWN TANK VENT	3678
F306A	P1 POLYOL STORAGE TANK	3678
F306APV	P1 POLYOL STORAGE TANK VENT	3678
F306B	P1 POLYOL STORAGE TANK	3678
F306BPV	P1 POLYOL STORAGE TANK VENT	3678
F306C	P1 POLYOL STORAGE TANK	3678
F306CPV	P1 POLYOL STORAGE TANK VENT	3678
F306D	P1 POLYOL STORAGE TANK	3678
F306DPV	P1 POLYOL STORAGE TANK VENT	3678
F306E	P1 POLYOL STORAGE TANK	106.472/09/04/2000
F306F	P1 POLYOL STORAGE TANK	106.472/09/04/2000

### New Source Review Authorization References by Emissions Unit

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Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
F306G	P1 POLYOL STORAGE TANK	106.472/09/04/2000
F306H	P1 POLYOL STORAGE TANK	106.472/09/04/2000
F306J	P1 POLYOL STORAGE TANK	106.472/03/14/1997
F306K	P1 POLYOL STORAGE TANK	106.472/03/14/1997
F308	P1 POLYOL STORAGE TANK	106.472/03/14/1997
F309	P1 POLYOL STORAGE TANK	86/09/13/1993, 106.472/09/04/2000
F3102A	P4 INTERMEDIATE TANK	4757
F3102B	P4 INTERMEDIATE TANK	4757
F3102C	P4 INTERMEDIATE TANK	4757
F310A	P1 RAW MATERIAL TANK	106.262/11/01/2003, 106.263/11/01/2001, 106.472/09/04/2000
F310B	P1 RAW MATERIAL TANK	106.262/11/01/2003, 106.263/11/01/2001, 106.472/09/04/2000
F310C	P1 RAW MATERIAL TANK	106.262/11/01/2003, 106.263/11/01/2001, 106.472/09/04/2000
F310D	P1 RAW MATERIAL TANK	106.262/11/01/2003, 106.472/09/04/2000, 106.478/09/04/2000
F3203PV	P4 IMPURITY ABSORBER TANK VENT	4757
F3204A	P4 FLASH DRUM FEED TANK	4757
F3204B	P4 FLASH DRUM FEED TANK	4757

### New Source Review Authorization References by Emissions Unit

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Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
F3205PV	P4 STABILIZER TANK VENT	4757
F3207VSV	P4 FLASH DRUM VENT (VENTS THROUGH P4 FLARE)	4757
F3209MV	P4 SLURRY TANK VENT	4757
F3303A	P4 ALCOHOL/SUGAR TANK	4757
F3303B	P4 ALCOHOL/SUGAR TANK	4757
F3303C	P4 ALCOHOL/SUGAR TANK	4757
F3305A	P4 RUNDOWN TANK	4757
F3305B	P4 RUNDOWN TANK	4757
F3305C	P4 RUNDOWN TANK	4757
F3305D	P4 RUNDOWN TANK	106.472/09/04/2000
F3306A	P4 POLYOL STORAGE TANK	4757
F3306B	P4 POLYOL STORAGE TANK	4757
F3306C	P4 POLYOL STORAGE TANK	4757
F3306D	P4 POLYOL STORAGE TANK	4757
F3306E	P4 POLYOL STORAGE TANK	4757
F3306F	P4 POLYOL STORAGE TANK	4757
F3306G	P4 POLYOL STORAGE TANK	106.472/09/04/2000
F3306H	P4 POLYOL STORAGE TANK	106.472/09/04/2000
F3306J	P4 POLYOL STORAGE TANK	106.472/09/04/2000



### New Source Review Authorization References by Emissions Unit

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Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
F3306K	P4 POLYOL STORAGE TANK	4757
F3306L	P4 POLYOL STORAGE TANK	106.472/09/04/2000
F3306M	P4 POLYOL STORAGE TANK	106.472/09/04/2000
F3406A	P4 CW TREATMENT CHEMICAL TANK	106.371/09/04/2000
F406A	P1 CW TREATMENT CHEMICAL TANK	106.371/09/04/2000
F4102A	P5 INTERMEDIATE TANK	4757
F4102B	P5 INTERMEDIATE TANK	4757
F4102C	P5 INTERMEDIATE TANK	4757
F411A	DIESEL STORAGE TANK	106.472/09/04/2000
F411B	DIESEL STORAGE TANK	106.472/09/04/2000
F4203PV	P5 IMPURITY ABSORBER TANK VENT	4757
F4204A	P5 FLASH DRUM FEED TANK	4757
F4204B	P5 FLASH DRUM FEED TANK	4757
F4205PV	P5 STABILIZER TANK VENT	4757
F4206	P5 FILTER FEED TANK	4757
F4207VSV	P5 FLASH DRUM VENT (VENTS THROUGH P5 FLARE)	4757
F4209MV	P5 SLURRY TANK VENT	4757
F4303A	P5 ALCOHOL/SUGAR TANK	4757
F4303B	P5 ALCOHOL/SUGAR TANK	4757

### New Source Review Authorization References by Emissions Unit

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Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
F4303C	P5 ALCOHOL/SUGAR TANK	4757
F4305A	P5 RUNDOWN TANK	4757
F4305B	P5 RUNDOWN TANK	4757
F4305C	P5 RUNDOWN TANK	4757
F4306A	P5 POLYOL STORAGE TANK	4757
F4306B	P5 POLYOL STORAGE TANK	4757
F4306C	P5 POLYOL STORAGE TANK	4757
F4306D	P5 POLYOL STORAGE TANK	4757
F4306E	P5 POLYOL STORAGE TANK	4757
F4306F	P5 POLYOL STORAGE TANK	4757
F4406A	P5 CW TREATMENT CHEMICAL TANK	106.371/09/04/2000
F4411A	DIESEL STORAGE TANK	106.472/09/04/2000
F4411B	DIESEL STORAGE TANK	106.472/09/04/2000
F5102A	P6 INTERMEDIATE TANK	4757
F5102B	P6 INTERMEDIATE TANK	4757
F5203APV	P6 IMPURITY ABSORBER PRECOAT TANK VENT	4757
F5203B	P6 IMPURITY ABSORBER TANK	4757
F5204A	P6 FLASH DRUM FEED TANK	4757
F5204B	P6 FLASH DRUM FEED TANK	4757

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Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
F5205PV	P6 STABILIZER TANK VENT	4757
F5206	P6 FILTER FEED TANK	4757
F5207VSV	P6 FLASH DRUM VENT (VENTS THROUGH P6 FLARE)	4757
F5209MV	P6 SLURRY TANK VENT	4757
F5214	P6 ANTIOXIDANT TANK	4757
F5215	P6 ANTIOXIDANT TANK	4757
F5303A	P6 RAW MATERIALS TANK	4757
F5303B	P6 MATERIALS TANK	4757
F5305A	P6 RUNDOWN TANK	4757
F5305B	P6 RUNDOWN TANK	4757
F5305C	P6 RUNDOWN TANK	4757
F5306A	P6 POLYOL STORAGE TANK	4757
F5306B	P6 POLYOL STORAGE TANK	4757
F5306C	P6 POLYOL STORAGE TANK	4757
F5306D	P6 POLYOL STORAGE TANK	4757
F5306E	P6 POLYOL STORAGE TANK	4757
F5306F	P6 PRODUCT STORAGE TANK	106.472/09/04/2000
F5406A	P6 CW TREATMENT CHEMICAL TANK	106.371/09/04/2000
G408A	EMERGENCY ENGINE	106.511/03/14/1997

### New Source Review Authorization References by Emissions Unit

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Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
G408A	P1, P2 AND P6 FIRE WATER PUMP VENT	106.512/06/13/2001
G408B	EMERGENCY ENGINE	106.511/03/14/1997
G408B	P1, P2 AND P6 FIRE WATER PUMP VENT	106.512/06/13/2001
G4408A	EMERGENCY ENGINE	106.511/09/04/2000
G4408A	EMERGENCY ENGINE VENT	106.511/09/04/2000
G4408B	EMERGENCY ENGINE	106.511/09/04/2000
G4408B	EMERGENCY ENGINE VENT	106.511/09/04/2000
G5418	EMERGENCY NATURAL GAS ENGINE	106.511/09/04/2000
LOAD	POLYESTER POLYOL AND DISTILLATE TRUCK LOADING	106.472/03/14/1997
LOADRAIL	POLYESTER POLYOL RAILCAR LOADING	106.472/03/14/1997
P1FL1	P1 FLARE	3678
P1LE	P1 LOADING	3678
P1OSFE	P1 OXIDE SYSTEM FUGITIVES	3678
P1PUFE	P1 PROCESS AREA FUGITIVES	3678
P1WWE	P1 WASTEWATER EMISSIONS	106.472/09/04/2000
P2LE	P2 LOADING	3678
P2PUFE	P2 PROCESS AREA FUGITIVES	3678
P2WWE	P2 WASTEWATER EMISSIONS	3678
P3FL1	P3 FLARE	4757

### New Source Review Authorization References by Emissions Unit

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Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
P3LE	P3 LOADING	4757
P3OSFE	P3 OXIDE SYSTEM FUGITIVES	4757
P3PUFE	P3 PROCESS AREA FUGITIVES	4757
P3WWE	P3 WASTEWATER EMISSIONS	106.472/09/04/2000
P4FL1	P4 FLARE	4757
P4LE	P4 LOADING	4757
P4OSFE	P4 OXIDE SYSTEM FUGITIVES	4757, 106.476/09/04/2000
P4PUFE	P4 PROCESS AREA FUGITIVES	4757
P4WWE	P4 WASTEWATER EMISSIONS	106.472/09/04/2000
P5FL1	P5 FLARE	4757
P5LE	P5 LOADING	4757
P5OSFE	P5 OXIDE SYSTEM FUGITIVES	4757
P5PUFE	P5 PROCESS AREA FUGITIVES	4757
P5WWE	P5 WASTEWATER EMISSIONS	106.472/09/04/2000
P6FL1	P6 FLARE	4757
P6LE	P6 LOADING	4757
P6PUFE	P6 PROCESS UNIT FUGITIVES	4757
P6WWE	P6 WASTEWATER EMISSIONS	106.472/09/04/2000
PE-1	POLYESTER POLYOL PRODUCTION UNIT	106.472/03/14/1997

### New Source Review Authorization References by Emissions Unit

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Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
PE-DISTK	DISTILLATE STORAGE TANK	106.472/03/14/1997
PE-EGTKS	ETHYLENE GLYCOL STORAGE TANKS	106.472/03/14/1997
PE-PRDTKSA	POLYESTER POLYOL PRODUCT STORAGE TANKS	106.472/03/14/1997
PE-PRDTKSB	POLYESTER POLYOL PRODUCT STORAGE TANKS	106.472/03/14/1997
TK1BMV	BLENDING B-SIDE BLEND TANK VENT	123305
TK2BMV	BLENDING B-SIDE BLEND TANK VENT	123305
TK3BMV	BLENDING CS BLEND TANK VENT	123305
TK4AMV	BLENDING A-SIDE BLEND TANK VENT	123305
TK50	STORAGE TANK	123305
TK51	STORAGE TANK	123305
TK52	STORAGE TANK	123305
TK53	STORAGE TANK	123305
TK5A	BLENDING TDI STORAGE TANK	123305
TK6AMV	BLENDING TFAS BLEND TANK VENT	123305
TK70	BLENDING VESSEL	123305
TK71	BLENDING VESSEL	123305
TK72	BLENDING VESSEL	123305
TK73	BLENDING VESSEL	123305
TK74	BLENDING VESSEL	123305

### **New Source Review Authorization References by Emissions Unit**

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<b>Unit/Group/Process ID No.</b>	<b>Emission Unit Name/Description</b>	<b>New Source Review Authorization</b>
TK7BMV	BLENDING TFBS BLEND TANK VENT	123305
TK8BCV	BLENDING B-SIDE BLEND TANK VENT	123305
TK9BCV	BLENDING B-SIDE BLEND TANK VENT	123305

**Appendix A**

**Acronym List ..... 127**



## Acronym List

The following abbreviations or acronyms may be used in this permit:

ACFM .....	actual cubic feet per minute
AMOC .....	alternate means of control
ARP .....	Acid Rain Program
ASTM .....	American Society of Testing and Materials
B/PA .....	Beaumont/Port Arthur (nonattainment area)
CAM .....	Compliance Assurance Monitoring
CD .....	control device
COMS .....	continuous opacity monitoring system
CVS .....	closed-vent system
D/FW .....	Dallas/Fort Worth (nonattainment area)
DR .....	Designated Representative
ELP .....	El Paso (nonattainment area)
EP .....	emission point
EPA .....	U.S. Environmental Protection Agency
EU .....	emission unit
FCAA Amendments .....	Federal Clean Air Act Amendments
FOP .....	federal operating permit
GF .....	grandfathered
gr/100 scf .....	grains per 100 standard cubic feet
HAP .....	hazardous air pollutant
H/G/B .....	Houston/Galveston/Brazoria (nonattainment area)
H <sub>2</sub> S .....	hydrogen sulfide
ID No. ....	identification number
lb/hr .....	pound(s) per hour
MMBtu/hr .....	Million British thermal units per hour
MRRT .....	monitoring, recordkeeping, reporting, and testing
NA .....	nonattainment
N/A .....	not applicable
NADB .....	National Allowance Data Base
NO <sub>x</sub> .....	nitrogen oxides
NSPS .....	New Source Performance Standard (40 CFR Part 60)
NSR .....	New Source Review
ORIS .....	Office of Regulatory Information Systems
Pb .....	lead
PBR .....	Permit By Rule
PM .....	particulate matter
ppmv .....	parts per million by volume
PSD .....	prevention of significant deterioration
RO .....	Responsible Official
SO <sub>2</sub> .....	sulfur dioxide
TCEQ .....	Texas Commission on Environmental Quality
TSP .....	total suspended particulate
TVP .....	true vapor pressure
U.S.C. ....	United States Code
VOC .....	volatile organic compound